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VOLUME V

FIFTH MONTH, 1912

No. 1

# Guilford College Bulletin



## CATALOGUE NUMBER

Published quarterly by Guilford College, Guilford College, N. C.

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# GUILFORD COLLEGE BULLETIN

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CATALOGUE NUMBER

1911 - 1912

PUBLISHED QUARTERLY AT GUILFORD COLLEGE, N. C.

1912								1913															
JULY								JANUARY								JULY							
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7	8	9	10	11	12	13		5	6	7	8	9	10	11		6	7	8	9	10	11	12	
14	15	16	17	18	19	20		12	13	14	15	16	17	18		13	14	15	16	17	18	19	
21	22	23	24	25	26	27		19	20	21	22	23	24	25		20	21	22	23	24	25	26	
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15	16	17	18	19	20	21		9	10	11	12	13	14	15		14	15	16	17	18	19	20	
22	23	24	25	26	27	28		16	17	18	19	20	21	22		21	22	23	24	25	26	27	
29	30	..	..	..	..	..		23	24	25	26	27	28	29		28	29	30	..	..	..	..	
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6	7	8	9	10	11	12		6	7	8	9	10	11	12		5	6	7	8	9	10	11	
13	14	15	16	17	18	19		13	14	15	16	17	18	19		12	13	14	15	16	17	18	
20	21	22	23	24	25	26		20	21	22	23	24	25	26		19	20	21	22	23	24	25	
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10	11	12	13	14	15	16		11	12	13	14	15	16	17		9	10	11	12	13	14	15	
17	18	19	20	21	22	23		18	19	20	21	22	23	24		16	17	18	19	20	21	22	
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DECEMBER								JUNE								DECEMBER							
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8	9	10	11	12	13	14		8	9	10	11	12	13	14		7	8	9	10	11	12	13	
15	16	17	18	19	20	21		15	16	17	18	19	20	21		14	15	16	17	18	19	20	
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29	30	31	..	..	..	..		29	30	..	..	..	..	..		28	29	30	31	..	..	..	



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## Calendar 1912-1913

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1912. April 20—Saturday, 8 p. m.,  
Oratorical Contest—Henry Clay Society.  
April 27—Saturday, 8 p. m.,  
Oratorical Contest—Zatasian Society.  
May 11—Saturday, 8 p. m.,  
Oratorical Contest—Websterian Society.  
May 25—Saturday, 8 p. m.,  
Music Recital.  
May 27—Monday, 8 p. m.,  
Oratorical Contest—Philomathean Society.  
May 28—Tuesday,  
Commencement Day.

### *Seventy-Sixth Academic Year*

1912. September 3—Tuesday,  
Entrance Examinations, 9 a. m., and 2 p. m.  
September 4—Wednesday, 9 a. m.,  
Fall term begins.  
November 2—Saturday,  
Midterm Examinations.  
November 28—Thursday,  
Thanksgiving Holiday.  
December 16—Saturday, 7:30 p. m.,  
Junior Orations.  
December 21 to }  
1913. January 6, inclusive, { Christmas Vacation.  
January 14 to 18—Wednesday to Saturday,  
Midyear Examinations.  
January 18—Saturday,  
Fall Term closes and Spring Term begins.  
March 22—Saturday,  
Midterm Examinations.  
March 24—Monday,  
Easter Holiday.  
May 27—Tuesday,  
Commencement.

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Henry A. White .....	High Point, N. C.
J. Elwood Cox .....	High Point, N. C.
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Jeremiah S. Cox .....	Greensboro, N. C.
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N. C. English .....	Trinity, N. C.
Charles F. Tomlinson .....	High Point, N. C.

J. Elwood Cox, *Chairman*

David White, *Secretary*

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Roxie D. White .....	Guilford College, N. C.
Mary M. Petty .....	Greensboro, N. C.
Mary D. Cox .....	High Point, N. C.
Mary E. M. Davis .....	Guilford College, N. C.
Priscilla B. Hackney .....	Greensboro, N. C.
Sandia C. Lindley .....	Pomona, N. C.
Gertrude W. Mendenhall .....	Greensboro, N. C.



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*On Farm*—W. T. Parker, N. C. English, E. C. Mendenhall, J. Van Lindley.

*On Auditing and Finance*—J. S. Cox, David White, W. T. Parker.

*On Campus and Forestry*—J. Van Lindley, Wm. H. Worth, W. T. Parker.

*On Lights, Water and Heat*—H. A. White, J. S. Cox, W. T. Parker.

*Endowment Fund*—N. C. English, Chairman; J. Elwood Cox, Treasurer; J. S. Cox, C. P. Frazier, H. A. White.

*On Committee to Confer with Committee from Yearly Meeting*—J. S. Cox, N. C. English, C. P. Frazier.

## FACULTY

---

LEWIS LYNDON HOBBS, A. M., LL. D.,

PSYCHOLOGY AND LOGIC

- A. B., Haverford College, 1876; A. M., Haverford College, 1883; LL. D., University of North Carolina and Haverford College, 1908. Principal New Garden Boarding School, 1878-1884; President Guilford College since 1888.

\* JOHN EDWIN JAY, A. M.,

BIBLICAL LITERATURE

- Ph. B., Earlham College, 1895; Principal of Damascus, O., Academy. 1892-1894; Superintendent of Carthage, Ind., Joint Graded Schools, 1895-1898; Professor of Mathematics, Friends University, Wichita, Kan., 1898-1900; Professor of Biblical Literature, *ibid*, 1900-1907; Student University of Chicago Divinity School, 1901; Vice-President of Friends University, 1905-1907; Graduate Student and A. M., Yale University, 1905-1906; Professor of Biblical Literature and Dean of Guilford College since 1907.

JAMES FRANKLIN DAVIS, A. M.,

GREEK AND GERMAN

- A. B., Haverford College, 1875; A. M., Haverford College, 1879; Graduate student Johns Hopkins University in German and Greek, 1877; Student in Germanic Philology, Universities Leipzig and Strasburg, 1879-1880; Assistant Professor Haverford College, 1877-1879; Professor of Greek and German Languages, Guilford College, since 1888.

GEORGE WILSON WHITE, A. B.,

MATHEMATICS

- A. B., Haverford College, 1878; Principal Sunbury Academy, N. C., 1878-1880; Principal Belvidere Academy, 1880-1883; Principal New London High School, Ind., 1883-1884; Principal Central Academy, Ind., 1885-1892; Professor of Mathematics, Guilford College, since 1893.

---

\* On leave of absence 1912-1913.



## H. LOUISA OSBORNE, A. B.,

## LATIN AND MATHEMATICS

- A. B., Earlham College, 1887; Student State Normal of Indiana, 1887-1888; Student Chautauqua, New York, Summers, 1888-1895, 1902-1904, 1909; Teacher Vermillion Academy, Ill., and Bloomingdale Academy, Ind., 1888-1892; Assistant in Latin and Mathematics, Guilford College, since 1892.

## ADA MARTITIA FIELD, A. M.,

## CHEMISTRY

- A. B., Guilford College, 1898; A. M., University of Washington, 1909; Student in Biology and Chemistry, Bryn Mawr College, 1898-1899, 1900-1902; Teacher of Science, Idaho Industrial Institute, Weiser, Idaho, 1904-1907; Graduate Instructor in Chemistry, University of Washington, 1908-1909.

## JOHN STEELE DOWNING, A. M.,

## CHEMISTRY, 1912-1913

- B. S., Haverford College, 1911; Assistant in Chemistry, *ibid*, 1911-1912; A. M., *ibid*, 1912.

## CLEMENT ORESTES MEREDITH, A. B., PH. D.,

## LATIN

- A. B., Guilford College, 1900; A. B., Haverford College, 1901; Chautauqua, New York, Summer, 1901; Principal Guilford Graded School, North Carolina, 1901-1902; Professor of Latin, Guilford College, 1902-1906; Scholar in Latin, Greek, and French, Johns Hopkins University, 1906-1908; Professor of Latin, Guilford College, 1908-1909; Student of Classical Philology in University of Berlin, 1909-1910; American School at Rome, Spring, 1910; Professor of Latin, Guilford College, since 1910; Ph. D., Johns Hopkins University, 1912.

## ALPHEUS DIXIE CROSBY, A. B.,

## ENGLISH

- A. B., Dartmouth College, 1910; Instructor in English, French and Mathematics, Poughkeepsie High School, New York, 1910-1911; Professor of English Literature, Guilford College, 1911-1912.

## WILLIAM HERBERT KIBLER, A. B.,

## BIOLOGY

- A. B., University of North Carolina, 1906; Assistant in Zoology, University of North Carolina, 1904-1907; Teacher of Science, Durham High School, 1907-1910; Student at United States Fisheries Laboratory, Summers, 1909-1910.

## RAYMOND BINFORD, M. S., PH. D.,

## BIOLOGY AND GEOLOGY, 1912-1913

- B. S., Earlham College, 1901; M. S., University of Chicago, 1906; Student in Biology, Johns Hopkins University, 1907-1908, 1910-1911; Professor of Biology and Geology, Guilford College, 1901-1910; Student United States Fisheries Laboratory, Beaufort, N. C., Summers, 1908-1911; Fellow Johns Hopkins University, 1911-1912; Ph. D., *ibid*, 1912.

## DUDLEY DEWITT CARROLL, A. B.,

## HISTORY AND ECONOMICS

- A. B., Guilford College, 1907; A. B., Haverford, 1908; Principal Mountain View Institute, 1908-1909; Graduate Student in Columbia University, Summer, 1910; History and Economics, Guilford College, since 1909.

## ALFRED ALEXANDER DIXON, A. M.,

## PHYSICS AND ASSISTANT IN MATHEMATICS

- B. S., Guilford College, 1909; A. M., Haverford College, 1911; Assistant in Physics Laboratory at Haverford College, 1909-1911.

## MARIAN BRIGHAM RUSTEDT, PH. B.,

## FRENCH AND ASSISTANT IN HISTORY

- Ph. B., University of Vermont, 1898; Student in Latin, Harvard Summer School, 1906; Student in French, Institut Feller, Grande Ligne, Quebec, 1906-1907; Student in French, Paris, France, Summer, 1910; Teacher of Language in Vermont, New York and Massachusetts.

## JOSEPH H. PEELE, B. S.,

## ASSISTANT IN ENGLISH



BERNICE VIVIAN CRAIG,

MUSIC

Graduate of the Depauw University School of Music, Indiana, 1907;  
Graduate of Sherwood Music School, Chicago, 1908; in charge of  
the Department of Music of the University of Chattanooga, Athens,  
and Chattanooga, Tenn., 1908-1909; New England Conservatory,  
Summer, 1910.

BLANCHE DAWSON,

VOCAL MUSIC

RACHEL E. FARLOW,

DOMESTIC SCIENCE

CHARLES GLENN DOAK,

PHYSICAL DIRECTOR

*Officers*

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JOHN EDWIN JAY, A. M.,  
DEAN

DUDLEY DEWITT CARROLL,  
DEAN 1912-1913

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TREASURER

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### BULLETIN

J. Edwin Jay, A. D. Crosby, C. O. Meredith

### THESES AND ORATIONS

J. Edwin Jay, A. D. Crosby, Geo. W. White, J. F. Davis

### COURSES OF STUDY

Geo. W. White, J. Edwin Jay, Marian Rustedt, A. D. Crosby,  
C. O. Meredith, Bernice Craig

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D. D. Carroll, W. H. Kibler

### SCHOLARSHIPS AND HONORS

Marian Rustedt, Ada M. Field, C. O. Meredith, W. H. Kibler

### LECTURES AND DEBATES

D. D. Carroll, W. H. Kibler, Louisa Osborne, A. A. Dixon

### CATALOGUE

C. O. Meredith, D. D. Carroll, Geo. W. White,  
Marian Rustedt, A. D. Crosby

### INTERSCHOLASTIC CONTESTS

J. Edwin Jay, D. D. Carroll, C. O. Meredith

### RELIGIOUS MEETINGS

J. Edwin Jay, Geo. W. White, Sarah Benbow, D. D. Carroll

### SOCIAL

Louisa Osborne, Marian Rustedt, D. D. Carroll, Sarah Benbow

### ATHLETICS

A. A. Dixon, C. O. Meredith, D. D. Carroll

## STUDENTS

---

### GRADUATE

Hobbs, Louis Lyndon, Jr. .... Guilford College, N. C.

### SENIORS

Harmon, Hazel Irene .... High Point, N. C.  
Lamb, Adna Prudence .... Guilford College, N. C.  
Lamb, Mamie Ruth .... Guilford College, N. C.  
Lassiter, John Hal .... Mechanic, N. C.  
Mendenhall, Cassie Corina .... High Point, N. C.  
Sawyer, Herbert Smith .... Merritt, N. C.  
Smith, Henry Watterson .... Guilford College, N. C.  
Strickland, Elva Virginia .... High Point, N. C.  
White, Mary Isabella .... Belvidere, N. C.  
Woosley, John Brooks .... Morven, N. C.  
• Young, Geno Atkinson .... Purcellville, Va.  
Zachary, Alpheus Folger .... Snow Camp, N. C.

### JUNIORS

Beaman, Teey Gladys .... Troy, N. C.  
Chappell, John Thomas .... Hamptonville, N. C.  
Chappell, Leora Alice .... Hamptonville, N. C.  
Davis, Anna Laura .... Guilford College, N. C.  
Davis, Clara Louise .... Edgar, N. C.  
Dees, George Columbus .... Grantsboro, N. C.  
Edgerton, Paul Clifton .... Guilford, N. C.  
Frei, Mary Arilla .... Archer, Fla.  
Futrell, Kinnie Thayer .... Greensboro, N. C.  
Gilchrist, William Graham .... Laurinburg, N. C.  
Hartman, George Alexander .... Farmington, N. C.  
Helms, Frances Virginia .... Unionville, N. C.  
Hughes, Grace .... Tampa, Fla.  
Jackson, Henry Crawford .... Guilford, N. C.



## JUNIORS—Continued

Kennett, Paul Strayer .....	Stokesdale, N. C.
King, Annabella .....	High Point, N. C.
Lasley, Nancy Era .....	Guilford College, N. C.
Marley, Eugene Harris .....	Ramseur, N. C.
Mendenhall, Mary .....	High Point, N. C.
Nance, Callie Irene .....	Troy, N. C.
Richardson, Baxter Key .....	Glenwood, N. C.
Short, George Asa .....	Greensboro, N. C.
Stewart, Hugh Archibald .....	Laurinburg, N. C.
White, Ulysses Grant .....	Germanton, N. C.
Young, Ella Davis .....	Purcellville, Va.

## SOPHOMORES

Allen, Katherine Rogers .....	Camden, N. J.
Barber, John Wade .....	Pittsboro, N. C.
Benbow, Charles Frank .....	East Bend, N. C.
Coble, Irma Kathleen .....	Liberty, N. C.
Cox, Elizabeth Margaret .....	Athens, Ga.
Crutchfield, Mary Alma .....	Guilford, N. C.
Doughton, Martha Rebecca .....	Guilford College, N. C.
Edgerton, Mabel Arlene .....	Goldsboro, N. C.
Finch, Alfred Brown .....	Trinity, N. C.
Fox, Mary Willard .....	Guilford College, N. C.
Futrell, Maude Blanche .....	Greensboro, N. C.
Hayworth, Gustavus Wade .....	Asheboro, N. C.
Henley, David Elias .....	Guilford College, N. C.
Körner, Estelle Gertrude .....	Kernersville, N. C.
Lewis, Eileen .....	Ivor, Va.
Lindley, Silas Jerome .....	Snow Camp, N. C.
McBane, Edgar Holt .....	Saxapahaw, N. C.
Moore, Mabel Clara .....	Saxapahaw, N. C.
Nelson, Samuel Snow .....	Edgar, N. C.
Pearson, Earl Whittier .....	Dudley, N. C.
Pike, Cathline Marion .....	Liberty, N. C.
Smith, Sarah Olive .....	Yorkville, S. C.
Smith, Bryant .....	Guilford College, N. C.

## SOPHOMORES—Continued

Smith, Frances Roberta .....	Jamestown, N. C.
Wagoner, James Pleasant .....	Clemmons, N. C.
Webster, William Dampier .....	Haw River, N. C.
White, Charles Nicholson .....	High Point, N. C.
White, Mary E. Mendenhall .....	Guilford College, N. C.
White, William Alpheus, Jr. ....	Guilford College, N. C.
Worth, Clara Louise .....	Guilford College, N. C.
Younts, Pearle Annie .....	Guilford College, N. C.

## FRESHMEN

Braxton, Bessie .....	Snow Camp, N. C.
Brown, Joseph Robert .....	Woodland, N. C.
Cotten, Howard Lea .....	Guilford College, N. C.
Culler, Maude Lee .....	Rock Creek, N. C.
Dalton, Rufus Walter .....	Winston-Salem, N. C.
Dawson, Pearle Ulela .....	Guilford College, N. C.
Edgerton, Roland Ottis .....	Goldsboro, N. C.
Fike, Isaac Stone .....	Pittsboro, N. C.
Fox, Eleanor Louise .....	Guilford College, N. C.
Henley, Fred Murdock .....	Gibsonville, N. C.
Highfill, Gladys May .....	Liberty, N. C.
Hinshaw, Clifford Reginald .....	Randleman, N. C.
Horney, Conrad Clinard .....	Farmer, N. C.
Huffines, Mabel Annie .....	Guilford College, N. C.
Johnson, Jeremiah Robert .....	Riley's Store, N. C.
Knight, Louetta Ellen .....	Guilford College, N. C.
Lassiter, Alma .....	Mechanic, N. C.
Martin, Ross .....	Yanceyville, N. C.
McKeown, Lois Eunice .....	Stanley, N. C.
McVey, Annie Caroline .....	Snow Camp, N. C.
Mitchell, Roy Colonel .....	Mount Airy, N. C.
Morgan, Carrie .....	Colfax, N. C.
Nunn, Paul Schoolfield .....	Guilford, N. C.
Nunn, Virda Adeline .....	Guilford, N. C.
Patterson, Clela .....	Burlington, N. C.
Perry, Matthew White .....	Durants Neck, N. C.



## FRESHMEN—Continued

Phoenix, Rebecca Christina .....	Greensboro, N. C.
Raiford, Girley Emerson .....	Ivor, Va.
Shore, Ernest Grady .....	East Bend, N. C.
Short, Troy Rodolphus .....	Greensboro, N. C.
Stuart, Lyndon Everett .....	Snow Camp, N. C.
Stuart, Roy Branson .....	Liberty, N. C.
Webb, Calvin Holman .....	Winston-Salem, N. C.
White, Frances Willard .....	Greensboro, N. C.
White, Margaret Scott .....	Belvidere, N. C.
Wood, James Russell .....	Wilmington, N. C.

## IRREGULARS

Coggins, Willis Lester .....	Guilford College, N. C.
Cox, Isley Blanche .....	Asheboro, N. C.
Cranford, Hubert Himelius .....	Climax, N. C.
Doak, Charles Glenn .....	Guilford College, N. C.
Henley, Frank Russell .....	Guilford College, N. C.
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Moffitt, Ralph Dallas .....	Lexington, N. C.
Nelson, William Hoskins .....	Guilford College, N. C.
Ross, Wilbur Hallett .....	Aurora, N. C.
Smith, Henry Clyde .....	Guilford College, N. C.

## PREPARATORY

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Andrew, Ethel Zenobia .....	Staley, N. C.
Andrew, Thomas Troy .....	Staley, N. C.
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Apperson, Thomas Bennett .....	Winston-Salem, N. C.
Ballinger, Julia Adeline .....	Greensboro, N. C.
Barbour, Roger Nelson .....	Clayton, N. C.
Beeson, John Henry .....	Randleman, N. C.
Beeson, William Franklin .....	Randleman, N. C.
Benbow, Annie Maude .....	Oak Ridge, N. C.

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Blaylock, Frederick Royster .....	Guilford, N. C.
Blue, Benjamin Malcom .....	Raeford, N. C.
Bulla, Mary Allen .....	Randleman, N. C.
Carter, Thomas Clifford .....	Liberty, N. C.
Cathey, Maude Lucinda .....	Waynesville, N. C.
Cecil, Jessie Elizabeth .....	High Point, N. C.
Councilman, Annie Jane .....	Bear Creek, N. C.
Cox, Beatrice .....	Goldsboro, N. C.
Cox, Henry Pinkney .....	Goldsboro, N. C.
Critz, Robert, Jr. ....	Winston-Salem, N. C.
Crump, Carleton Argyle .....	Chatham, Va.
Davis, Elva Josephine .....	Progress, N. C.
Davis, Laura Etta .....	Progress, N. C.
Dawson, Mabel Gertrude .....	Guilford College, N. C.
Dawson, Maude Sadalia .....	Guilford College, N. C.
Dettmar, William Vernon .....	Winston-Salem, N. C.
Doughton, Joseph Edward .....	Guilford College, N. C.
Edwards, Robert Lee .....	Guilford, N. C.
Farlow, Beatrice Beulah .....	Randleman, N. C.
Farlow, John Bright .....	Sophia, N. C.
Faulkner, Lester .....	Miami, Fla.
Foust, Lillie May .....	Graham, N. C.
Futrell, William Reed .....	Greensboro, N. C.
Garner, Jesse .....	Hill's Store, N. C.
Gordon, Lawrence Elliott .....	Guilford College, N. C.
Gorrell, Willard Ruffin .....	Greensboro, N. C.
Gossett, George Walton .....	Graham, N. C.
Gray, Hattie Lake .....	Colfax, N. C.
Harris, Mary Lucille .....	Petersburg, Va.
Haworth, Bessie Isabel .....	High Point, N. C.
Hayes, Carl Moton .....	Randleman, N. C.
Henley, Marvin Jay .....	Guilford College, N. C.
Hester, Clinton Siewers .....	Greensboro, N. C.
Hines, Mittie Catherine .....	Goldsboro, N. C.
Hobbs, Vivian Cecilia .....	Atlanta, Ga.
Hodgin, Willard Scott .....	Randleman, N. C.



## PREPARATORY—Continued

Holiday, Maggie Irma .....	Snow Camp, N. C.
Hoyos, Candido Calixto .....	Havana, Cuba.
Huffines, David Allen .....	Guilford College, N. C.
Jackson, David Houghton .....	Guilford, N. C.
Kirkman, Robert .....	Greensboro, N. C.
Kitching, Josephine Sarah .....	Stuart, Fla.
Knight, James Samuel .....	Stokesdale, N. C.
Knight, Josie Ethel .....	Guilford College, N. C.
Lamb, Ernest Eugene .....	Guilford College, N. C.
Lassiter, Floy Cathrine .....	Julian, N. C.
Lee, Katie .....	Dunn, N. C.
Lindsay, Robert Opie .....	Madison, N. C.
Long, Earle .....	Milton, N. C.
Long, James Monroe, Jr. ....	Milton, N. C.
Long, William Taylor .....	Milton, N. C.
Masten, Percy Raymond, Jr. ....	Winston-Salem, N. C.
Mistin, Philip Olin .....	Wilkesboro, N. C.
McBane, Ellwood Perisho .....	Snow Camp, N. C.
McBane, Verda Meade .....	Snow Camp, N. C.
McLean, Hester Raymond .....	Raeford, N. C.
McLean, Mabel .....	Raeford, N. C.
Mendenhall, Fowell Hill .....	High Point, N. C.
Mills, Charles Crawford .....	Statesville, N. C.
Mitchell, Colonel Robert .....	Guilford College, N. C.
Moore, George Ernest .....	Genoa, N. C.
Moorefield, George Henry .....	Guilford College, N. C.
Motz, Mary .....	Rock Hill, S. C.
Murrow, Edgar Joshua .....	Greensboro, N. C.
Nance, Ethel Maie .....	Troy, N. C.
Newman, John Thomas, Jr. ....	Wilmington, N. C.
Newman, William Oliver .....	Greensboro, N. C.
Norwood, John Thomas .....	Raleigh, N. C.
Orrell, Luther Lafayette .....	Advance, N. C.
Parks, Haywood William .....	Franklinsville, N. C.
Peoples, Junius Nathaniel .....	Bynum, N. C.
Perry, Thomas Gray .....	Wilkesboro, N. C.

## PREPARATORY—Continued

Poole, Mary Callie .....	Asheboro, N. C.
Price, Henry Winfield .....	Miami, Fla.
Price, Thomas Ashby, Jr. ....	Miami, Fla.
Ridge, Wesley Bagby .....	Edgar, N. C.
Semans, Thomas B. ....	Uniontown, Pa.
Simmons, Lilliam Marguerite .....	Brim, N. C.
Smith, William Alexander, Jr. ....	Mangum, N. C.
Smithdeal, Ethel Sue .....	Advance, N. C.
Smithdeal, Fred Alexander .....	Advance, N. C.
Stanley, Jesse Betts .....	Guilford College, N. C.
Stowe, Rosa Annette .....	Asheboro, N. C.
Stout, Jennie Ethel .....	Julian, N. C.
Stuart, Luther Lane .....	Guilford College, N. C.
Stuart, Pauline Efland .....	Guilford College, N. C.
Stuart, Sarah .....	Snow Camp, N. C.
Surratt, James Carl .....	Jackson Hill, N. C.
Swan, George Atmore .....	Bayboro, N. C.
Swan, Hugh Guyon .....	Bayboro, N. C.
Tate, Paul .....	Greensboro, N. C.
Taylor, Paul Talbot .....	Danbury, N. C.
Thompson, Annie Myrtle .....	Snow Camp, N. C.
Thompson, Ralph Small .....	Aurora, N. C.
Thompson, Redding Aycock .....	Aurora, N. C.
Thompson, Wilbur Lafayette .....	Snow Camp, N. C.
Vuncannon, Annie Eunice .....	Asheboro, N. C.
Ward, Cletus Milo .....	Guilford College, N. C.
Watkins, Benjamin .....	Wadeville, N. C.
Watkins, Catherine Elmira .....	Wadeville, N. C.
West, Kathryn Thelma .....	Greensboro, N. C.
White, Carleton Francis .....	High Point, N. C.
Winborne, George Baron .....	Wilson, N. C.
Worth, Phoebe Gertrude .....	Guilford College, N. C.
Yates, Carolina Ballinger .....	Guilford, N. C.
Yates, James Fuller .....	Guilford, N. C.

## SPECIAL MUSIC STUDENTS

Crutchfield, Hattie Eugenia .....	Guilford, N. C.
Fox, Bertha Browning .....	Guilford College, N. C.
Frazier, Gracett .....	Guilford College, N. C.
Henley, Annie Maie .....	Guilford College, N. C.
Lindley, Mary Ruth .....	Guilford College, N. C.
Mitchell, Annie Odell .....	Guilford College, N. C.
Moorefield, Lula Roberta .....	Guilford College, N. C.
Smith, Kate Brittain .....	Guilford College, N. C.
Stanley, Ruth Rebecca .....	Guilford College, N. C.
White, Flora Wilson .....	Guilford College, N. C.



# GUILFORD COLLEGE

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## *History*

The Society of Friends was among the earliest religious bodies to organize a church in North Carolina. Their church records embrace a period of two hundred and fourteen years. In 1696-1698, John Archdale, an English Friend, was Governor of the Colony of North Carolina and South Carolina. George Fox, the founder of the Society of Friends, spent some time in North Carolina in 1672, and was received with great favor by the colonial officials.

The appeal which the Friends made to each individual in meetings for worship and in all church responsibility naturally called for an educated membership—a true democracy. Accordingly we find among the Friends of our state early discussions of educational needs; and a concern arose in the Yearly Meeting in 1833 for better schools. The eloquent Jeremiah Hubbard pleaded for this cause, and Nathan Hunt, of sacred memory, took the subject under his protecting care. His appeals in behalf of a central school aroused the interest of many Friends in other states, and notably of George Howland of New Bedford, Mass. The decision was reached to found a

boarding school of high grade to meet the needs of the young people. As a result the present Founders Hall was erected, a substantial, two-story brick building, offering accommodations to both boys and girls.

The founders of the school were careful to select a central locality, and a place well reputed for healthfulness of climate and as free as possible from immoral influences or distractions of any kind. They chose a farm six and a half miles west of Greensboro, in a community of progressive, intelligent people. The school was opened on the first day of August, 1837, there being present the first term fifty students—twenty-five boys and twenty-five girls; and it has been operated from that day forward with no interruption, even in the Civil War.

Scarcely any one who knew New Garden Boarding School thirty or forty years ago and  
**FARM AND** who has not recently visited the old  
**CAMPUS** foundation made new by buildings  
and improved farm and campus, could picture the  
changed condition.

When twenty-seven years ago David Petty, of Archdale, N. C., took charge of the farm, there was little to induce one to expect in the future such results as recent years have shown. Mr. Petty was a farmer ahead of his time, and believed the red lands of Guilford could be improved by deep plowing and frequent cultivation. He inaugurated a system of land cul-

ture which immediately began to bear fruit. He dug up stumps, built the first silo in this part of the country, and began improvement on the land to the east of Founders Hall, which up to that time was almost worthless. Now one may see the five-acre field in alfalfa.

The dairy was developed under his management, and the dairy products became an important part of table supply and have remained so ever since. The herd of Jersey cattle thus gathered together have helped to enrich the soil, and the enriched soil has added to the crops of hay and corn. The present prospect is toward the stocking of a large part of the farm in grass which will not only yield feed for cattle, but will prevent loss of soil by washing rains, and combine more pleasingly with the campus and thus add to the general appearance of the location.

The aim now is to unify all the resources of the College and turn them to the greatest educational effect. Good farming is a product of better education; and the resources of our state in an agricultural way are to a large extent dormant, awaiting intelligence and energy to bring forth all the supplies needed by our people for consumption, and thus to be the means of vast wealth. Better farming will follow better education and more wealth will ensue, and in turn add more means to education which will begin another circle of improvement and service.



In 1887, the demand for larger accommodations and a more extensive course of studies led **REOR-**  
**GANIZATION** to the organization of the institution into Guilford College, and a charter was obtained with authority to confer degrees. Previous to this time Founders Hall had been enlarged and remodeled and fitted for a girls' dormitory. To provide for a boys' dormitory and for class rooms and other academic requirements, the large Yearly Meeting house, erected a few years before, was donated by the Yearly Meeting to the school, and converted into a school building, with lodging rooms for young men on the second floor. This improvised building was destroyed by fire in 1885, and a new academic building was erected on the same foundation, and, in honor of Francis T. King of Baltimore, was named King Hall.

Archdale Hall was built at the same time as a dormitory for young men, and named in memory of the Quaker Governor, John Archdale.

The College began its course in the fall of 1888. During the fifty-one years of the school's existence, many distinguished scholars were engaged in teaching and there was early laid a foundation broad enough and deep enough to prevent in subsequent years any superficial display of pretentiousness, reliance being placed upon the power of inspiring students with the love of truth in the various fields of scholarship.

In this period efforts were made to secure endowment, increase the library and equip laboratories, and found a Museum of Natural History. From time to time additions were made to the permanent funds, English and Philadelphia Friends having supplied an amount equal to ten thousand dollars, now known as the Philadelphia Fund. Many contributions were given from year to year to lessen expenses of students. After the change to Guilford College funds were solicited for buildings and for the increase of endowment.

In 1891 the Y. M. C. A. of the College made appeals  
**Y. M. C. A.** for funds to build a hall, and the  
**HALL** result was the erection of the present  
building.

In 1897 Benjamin N. and James B. Duke, who were  
**MEMORIAL** educated at the school, gave ten thous-  
**HALL** and dollars with which to erect a hall  
that would accommodate the Natural  
Science departments and also furnish an auditorium.  
The building was erected in the year stated, and  
named Memorial Hall in memory of their sister,  
Mary Elizabeth Lyon.

New Garden Hall was erected during the summer  
**NEW GARDEN** and fall of 1907, and was built by  
**HALL** the Girls' Aid Committee of North  
Carolina Yearly Meeting to meet the  
needs of girls who desire an education and who are

willing to help themselves by lessening the expense of living. New Garden Hall has every convenience of a modern home—steam heat, well furnished rooms, large dining-room and well equipped kitchen. By doing their own work in caring for their rooms and in cooking by turns, the girls in this building live in much comfort and at a comparatively small expense. There are twenty-five rooms that will accommodate fifty girls. Besides, there are two rooms—one for a nursery and one for a nurse—and living rooms for a matron and a reception room, all well furnished, supplied with water and lighted by electricity.

In 1908 King Hall was destroyed by fire. This led to the erection of two new buildings—the Library and the rear of what is intended to be a commodious academic building.

The Library building is one of the most attractive of the College group. It is an \$18,-  
**LIBRARY** 000 structure, of which \$9,000 was given by Andrew Carnegie and the remaining \$9,000 secured by subscription. It is strictly modern in all its appointments, with a fire-proof stack room furnished with steel shelving. In addition to this there is a large vault in which are stored the valuable manuscripts of North Carolina Quaker annals.



The reading room is large, airy and well-lighted—an ideal place for study. This room is furnished in light quartered oak—reference shelving, tables, periodical racks, desk and chairs all harmonizing with the oak finish of the building. The friezes and busts recently purchased add much to the artistic effect of the interior.

There are nearly five thousand volumes in the library, all of which, except about one thousand saved from the fire of January, 1908, have either been purchased or donated since the above named date. The primary object in the selection of books has been use, and, consequently, our facilities for reference work and supplementary reading are especially worthy of comment.

The Library is open daily to students and persons connected with the College. The subscription list not only includes many of our state dailies, but also a goodly number of the best magazines in general literature, as well as those representing special departments of school work. A few foreign publications are also on the list. The Library is well fitted to be what every library should be—the workshop of the College, the center of the intellectual life of the student body.

The rear extension of the proposed new King Hall contains space for eight class rooms  
**KING HALL** and a physical laboratory, and has in the basement the heating plant from which both this building and the Library are heated.

At this time a new dormitory for young men is in process of erection and will furnish  
**COX HALL** suites of rooms—four in a group—for fifty-four young men. The arrangement of this building is ideal, and the accommodations will be strictly up-to-date. It is named Cox Hall.

A new church—the Yearly Meeting house—is being constructed on the campus, located  
**THE NEW CHURCH** opposite the Y. M. C. A. Hall, which will be used for the regular public religious meetings for the community and the College.

There is also a large gymnasium among the group of buildings, 50 x 76 feet, with gallery.  
**GYMNASIUM** It is supplied with apparatus and is much used for athletic training.

These ten buildings, planned and equipped with much care and expense, provide excellent means for conducting the work of the College; and attention is called to them as an indication of the growth of the College, as well as its promise of a continuance of solid educational work.

For young men we have three dormitories, and also the cottages for those who desire to lessen living expenses; and for girls, Founders Hall and New Garden. Founders has recently been renewed entirely

except the walls and roof and made a comfortable, up-to-date home for young women, the expense for which, including heat, has been nearly as great as would be required to erect a new building. New Garden was well planned from the start, and combines many attractive features as well as the conveniences of a modern dormitory.

For academic work, Memorial, containing two laboratories—the chemical and biological—the Museum of Natural History, auditorium, music rooms, two class rooms and the president's office, and the two buildings, the Library and King Hall, afford good facilities for instruction and study.

To any one who will take time to think about it, the large outlay here represented will reveal a fine equipment for doing good work in the field of education; and these buildings will also show a remarkable expansion and a corresponding improvement made at Guilford College in recent years.

One should also take into consideration the location of these buildings, the large farm owned by the College and the athletic fields, especially the very recent work done on the baseball ground, the making of a running track and the leveling of the inclosed circle to be used as a baseball field; and also the work done during the summer for the girls' athletic grounds in the way of leveling and terracing their field west of New Garden Hall. Much more work is to be done in laying out tennis courts for the girls



and in leveling the grounds and putting the same in grass, especially the terracing.

The farm has been conducted with a view to supply the boarding department with milk and butter, and the dairy has in this way served a very useful purpose. The improvement of the soil has gone on from year to year. The electric plant and system of water supply give the place the conveniences of a city with the advantages of quiet surroundings conducive to study and simplicity of living.

These various and excellent arrangements have been made possible by the generosity and helpfulness of a large circle of friends of Guilford College, and everything has been done with a view to giving young people, young women as well as young men, a healthful and stimulating place at which to spend a few years in substantial educational work and training.

These material equipments represent a pretty large outlay of money and thought, and show that the management has in mind the development and maintenance of an education center that shall stand for all that is best in physical, intellectual and moral training. These buildings and their furnishings are intended to be a solid basis for genuine and thorough educational work, and to show to students and to the public that those who are most vitally responsible for the outcome and general effect of Guilford believe nothing is too good or too expensive that is to go into the moulding of the minds and characters of the young

people of our country; that these people deserve the best possible opportunity to become all they are capable of becoming for their own sakes and for the sake of all those whose lives they will in any way affect.

The location of the College may be considered a part of the material equipment, because nothing is more important in the production of strength of body, of mind and of character than environment. The air we breathe, the water we drink, and the food we consume and the total outlay of energy, thought and money should be so co-ordinated as to exert the greatest possible beneficial effect upon the body of young people whose immediate and future interests are at stake.

Every one needs a comfortable and safe place to live, a place in which the very atmosphere, figuratively speaking, will call the mind to the true and the beautiful and the good, and thus tend, in a very powerful way, to bodily and mental vigor, and to that ideal of religious activity in which one by losing one's life shall find it.

The encouragement to make still greater provision for  
**ENDOWMENT** the future which has been received from a wide circle of friends and philanthropists, has led to more earnest efforts to increase the efficiency of the College by increasing the permanent funds. From an early period the school has had assistance in a financial way; but in more recent years the donations to the endowment have greatly increased.

In 1905, an appeal was made to Andrew Carnegie and he responded by giving \$45,000 to be used as a permanent fund. The same year Dr. D. K. Pearsons gave to the College \$25,000 as an endowment to stand for the memory of his friend, Dr. Oliver Woodson Nixon, of Chicago, who was a native of Guilford County, North Carolina. The same year, also, Benjamin N. and James B. Duke gave \$15,000 to the endowment, making their total donations to Guilford \$25,000. Among the benefactors is Samuel Hill who gave \$5,000 in memory of his father, Nathan B. Hill, and \$6,000 subsequently for improvements in buildings and grounds. Dr. Alfred H. Lindley, of Minneapolis, created a fund of \$5,000 to the memory of his daughter, Ella Lindley. In 1904-1905 a fund of \$12,000 was established to the memory of Harriet Green, an English Friend who labored much in the Gospel among the Friends of America. The Francis White Fund of \$5,000 is in memory of Francis White, who in his lifetime gave assistance and great encouragement to the work of education in North Carolina.

The Jonathan E. Cox fund of \$3,000 was established by his son, J. Elwood Cox—endowment.

The Marvin Hardin fund of \$1,300 was established in memory of Marvin Hardin by the Class of 1904—a scholarship fund.

The William Johnson fund of \$1,500—a scholarship fund.



The Richardson Fund of \$2,758 by will of Joseph S. Richardson—a scholarship fund.

The Fowell B. Hill Fund of \$1,000 by will of Fowell B. Hill—endowment.

The Ezra Murray Meader Fund of \$1,000 by will of Elizabeth Meader White—for mathematical department.

The Francis T. King Fund of \$5,000 by will of Francis T. King—for care of buildings and campus.

The Doctor Dicia Baker Fund of \$5,000 by will of Dr. Dicia Baker—for Girls' Aid Committee of North Carolina Yearly Meeting.

The Susanna Osborne Memorial Fund of \$125—for Girls' Aid Committee of North Carolina Yearly Meeting.

The Wells fund of \$1,000—scholarship fund.

The total sum of permanent funds—those named above and others—is \$176,500. The value of material equipment, including buildings, furniture, apparatus, and farm with its outfit, is \$148,500. Total, \$325,000.

## REQUIREMENTS FOR ADMISSION

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Candidates for admission must furnish evidence of good moral character, and those who come from other schools or colleges must furnish certificates of dismissal in good standing.

Unless admitted on certificate, every student desiring to enter the freshman class will be examined on the following subjects:

I. MATHEMATICS.—Higher arithmetic, including commercial forms and mensuration.

Algebra, as much as is included in any good high school algebra, including quadratics.

Plane Geometry, five books, with original exercises.

II.—ENGLISH.—English grammar, composition, and literature. Candidates for the freshman class are expected to give evidence of a careful study of the works marked "For Study", page 73. They must also give evidence of a general knowledge of the works marked "For Reading", page 73.

III. LATIN.—As much as is contained in any good First Latin book and four books of Cæsar, Cicero's Orations against Cataline, and four books of Virgil, together with exercises in Latin prose composition.

IV.—HISTORY.—United States History as is given in any good high school text-book, such as Fiske's. The Eastern Nations, and Greek and Roman history to the time of Charlemagne.

V. SCIENCE.—Physiology, including anatomy and hygiene, geography, both political and physical, as is contained in good text-books on these subjects.

Students wishing to be admitted to Guilford College with credit for previous work are requested to have the principal or superintendent of the school in which the work was done, fill out a blank similar to the following. Separate blanks will be furnished on application. Such certificates will be accepted only from well-accredited high schools, and for preparatory work only.

Students not presenting certificates will be examined on all studies for which they expect credits.

Examinations for admission and for higher class standing will be held at 9 a. m. and 2 p. m. on the day preceding the opening of each term, and on Monday preceding commencement.



## FORM OF CERTIFICATE

SUBJECTS	WEEKS OR YEARS	TEXT-BOOK	GRADE
Arithmetic .....	.....	.....	.....
Algebra .....	.....	.....	.....
Common School Geography .	.....	.....	.....
Physical Geography .....	.....	.....	.....
English Grammar .....	.....	.....	.....
Composition .....	.....	.....	.....
English Literature .....	.....	.....	.....
United States History .....	.....	.....	.....
Ancient History .....	.....	.....	.....
Latin (Primary) .....	.....	.....	.....
Physiology .....	.....	.....	.....
Plane Geometry .....	.....	.....	.....
Cæsar .....	.....	.....	.....
Virgil .....	.....	.....	.....
Cicero .....	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....
.....	.....	.....	.....

*The above is a correct statement of work done by*  
..... *in our school.*

..... *Superintendent,*

*Date*..... *School.*

## GROUPS OF STUDIES

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The groups following are constructed in accordance with (1) the required studies and (2) electives. Besides fulfilling the requisite in required studies the student, in any group, must take at least three years' work in a single subject, known as the major subject. The student will select his group according to the major subject which he prefers. The selection of a group should be determined upon entrance into the sophomore year. Electives entitle the student to select any studies which he may choose, not in conflict with the authorized program of recitations, provided always that required studies must take precedence of electives in classification. The program of recitations will conform to the groups as outlined.

It should be noted that all students are required to take one year of Biblical instruction, the groups being so arranged that this may be done either in the sophomore or the junior year or part in each year.

Piano music and the course in Banking also stand as electives in any year except the freshman. But the maximum amount of music which a student may elect shall be two courses of not less than one year of either the intermediate or the advanced grades.

### *Hours Requisite for Graduation*

The courses are evaluated by the term hour, which equals one recitation hour a week for a term (half year).

In each of the eight groups of studies the requisite hours for graduation shall be determined by the sum of all the required studies and the electives, as prescribed in the groups respectively.

### *Degrees*

The degree of Bachelor of Arts will be conferred on any student who satisfactorily completes Group AI, AII, AIII, or AIV, and the degree of Bachelor of Science on any student who satisfactorily completes Group BI, BII, BIII, or BIV, provided in either case said student sustains a good moral character.



## COURSES OF STUDY

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### CLASSICAL GROUPS

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#### *Group A1—Ancient Classical*

##### FRESHMAN

Livy .....	4	Tacitus .....	4
English .....	4	English .....	4
Greek .....	4	Greek .....	4
College Algebra and		Solid Geometry .....	3
Plane Trigonometry ....	5	Spherical Trigonometry	
		or Methods of Teaching .	2

##### SOPHOMORE

Latin .....	4	Latin .....	4
History .....	3	History .....	3
English Composition ....	2	English Composition ....	2
Greek .....	4	Chemistry A .....	4
Electives .....	4	Greek .....	4

##### JUNIOR

Ancient Language .....	4	Ancient Language .....	4
Biology .....	4	Physiology .....	4
German or French .....	4	German or French .....	4
Electives .....	4	Electives .....	4

##### SENIOR

Psychology .....	3	Logic .....	2
German or French .....	4	German or French .....	4
Ancient Language .....	3	Ancient Language .....	3
Electives .....	6	Astronomy .....	2
		Electives .....	4

*Group AII—English Classical*

## FRESHMAN

English .....	4	English .....	4
Livy .....	4	Tacitus .....	4
College Algebra and		Solid Geometry .....	3
Plane Trigonometry ....	5	Spherical Trigonometry or	
German or French .....	4	Methods of Teaching ....	2
		German or French .....	4

## SOPHOMORE

History .....	3	History .....	3
English Composition ....	2	English Composition ....	2
German or French .....	4	Chemistry A .....	4
Electives .....	8	German or French .....	4
		Electives .....	4

## JUNIOR

English .....	3	English .....	3
Biology .....	4	Physiology .....	4
Electives .....	8	Electives .....	8

## SENIOR

English .....	3	English .....	3
Psychology .....	3	Logic .....	2
Electives .....	10	Astronomy .....	2
		Electives .....	8

*\*Group AIII—Biblical*

## FRESHMAN

Biblical History .....	4	Biblical History .....	4
English .....	4	English .....	4
Greek .....	4	Greek .....	4
College Algebra and		Solid Geometry .....	3
Plane Trigonometry ....	5	Spherical Trigonometry or	
		Methods of Teaching ....	2

## SOPHOMORE

Foundations of Chris-		Apostolic Age .....	4
tianity .....	4	History .....	3
History .....	3	English Composition ....	2
English Composition ....	2	Greek .....	4
Greek .....	4	Chemistry A .....	4
Electives .....	4		

## JUNIOR

History Christian Church.	4	History Christian Church.	4
Biology .....	4	Physiology .....	4
Greek .....	4	Greek .....	4
German or French .....	4	German or French .....	4

## SENIOR

Psychology .....	3	Logic .....	2
Sociology .....	3	Ethics .....	4
Electives .....	10	Astronomy .....	2
		Electives .....	8

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\* Not given in 1912-1913.



*Group AIV—Political Science*

## FRESHMAN

History or Livy .....	4	History or Tacitus .....	4
English .....	4	English .....	4
Physics .....	4	Physics .....	4
College Algebra and		Solid Geometry .....	3
Plane Trigonometry ....	5	Spherical Trigonometry or	
		Methods of Teaching ...	2

## SOPHOMORE

History .....	3	History .....	3
English Composition ....	2	English Composition ....	2
Biology .....	4	Physiology .....	4
German or French .....	4	German or French .....	4
Electives .....	4	Banking .....	4

## JUNIOR

History .....	4	History .....	4
English .....	3	English .....	3
Electives .....	8	Electives .....	8

## SENIOR

Economics .....	4	Economics .....	3
Psychology .....	3	Logic .....	2
Sociology .....	3	Ethics .....	4
Electives .....	6	Electives .....	6

*Group BI—Chemistry*

## FRESHMAN

Physics .....	4	Physics .....	4
English .....	4	English .....	4
College Algebra and		Solid Geometry .....	3
Plane Trigonometry ....	5	Spherical Trigonometry or	
German or French .....	4	Methods of Teaching ....	2
		German or French .....	4

## SOPHOMORE

Chemistry .....	4	Chemistry .....	4
History .....	3	History .....	3
English Composition ....	2	English Composition ....	2
German or French .....	4	German or French .....	4
Analytics .....	4	Electives .....	4

## JUNIOR

Chemistry .....	4	Chemistry .....	4
Biology .....	4	Physiology .....	4
Electives .....	8	Electives .....	8

## SENIOR

Chemistry .....	4	Chemistry .....	4
Psychology .....	3	Logic .....	2
Electives .....	8	Astronomy .....	2
		Electives .....	7

*Group BII—Physics*

## FRESHMAN

Physics .....	4	Physics .....	4
English .....	4	English .....	4
College Algebra and		Solid Geometry .....	3
Plane Trigonometry ....	5	Spherical Trigonometry or	
German or French .....	4	Methods of Teaching ...	2
		German or French .....	4

## SOPHOMORE

Physics .....	4	Physics .....	4
History .....	3	History .....	3
English Composition ....	2	English Composition ....	2
Analytics .....	4	German or French .....	4
German or French .....	4	Electives .....	4

## JUNIOR

Physics .....	4	Physics .....	4
Mathematics .....	4	Mathematics .....	4
Chemistry .....	4	Chemistry .....	4
Electives .....	4	Electives .....	4

## SENIOR

Physics .....	4	Logic .....	2
Psychology .....	3	Astronomy .....	2
Electives .....	8	Electives .....	11



*Group BIII—Biology*

## FRESHMAN

Physics .....	4	Physics .....	4
English .....	4	English .....	4
College Algebra and		Solid Geometry .....	3
Plane Trigonometry ....	5	Spherical Trigonometry or	
German or French .....	4	Methods of Teaching ....	2
		German or French .....	4

## SOPHOMORE

Biology .....	4	Physiology .....	4
History .....	3	History .....	3
English Composition ....	2	English Composition ....	2
German or French .....	4	Chemistry A .....	4
Electives .....	4	German or French .....	4

## JUNIOR

Biology .....	4	Biology .....	4
Geology .....	4	Geology .....	4
Electives .....	8	Electives .....	8

## SENIOR

Biology .....	4	Biology .....	4
Psychology .....	3	Logic .....	2
Electives .....	8	Astronomy .....	2
		Electives .....	7

*Group BIV—Mathematics*

## FRESHMAN

College Algebra and		Solid Geometry .....	3
Plane Trigonometry ....	5	Spherical Trigonometry .	2
English .....	4	English .....	4
Physics .....	4	Physics .....	4
German or French .....	4	German or French .....	4

## SOPHOMORE

Analytics .....	4	Analytics .....	4
History .....	3	History .....	3
English Composition .....	2	English Composition .....	2
Electives .....	8	Electives .....	8

## JUNIOR

Mathematics .....	4	Mathematics .....	4
Biology .....	4	Physiology .....	4
Electives .....	8	Electives .....	8

## SENIOR

Mathematics .....	4	Mathematics .....	3
Psychology .....	3	Logic .....	2
Electives .....	8	Astronomy .....	2
		Electives .....	8

## DEPARTMENTS OF INSTRUCTION

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### *Latin Language and Literature*

I. LIVY.—This course embraces two books of Livy and composition weekly. Rapid reading and sight reading on easy passages are employed as tests. Points in history and syntax, together with Livy's style, are emphasized. Four hours a week. Fall term. Freshman.

II. TACITUS.—This course embraces the *Germania* and *Agricola*. Also either the *Poet Archias* of Cicero, or composition, as the case demands, is required. The *Germania* is studied for its intrinsic value as history; the *Agricola* is studied as history and as a biography. The *Agricola* of Tacitus and the *Poet Archias* of Cicero are studied as masterpieces in Latin literature. Four hours a week. Spring term. Freshman.

III. SELECTIONS FROM VIRGIL.—This course embraces *Georgics* I and IV, and selections from the *Æneid*. In this course it is intended to set forth the principles upon which Latin poetry is based, the hexameter being the simplest and best representative of Latin verse. The selections are made with a view to illustrate Virgil's method of developing a National



Epic for the Romans. Virgil's style and syntax are an essential part of the course. Four hours a week. Fall term. Sophomore.

IV. SELECTIONS FROM OVID AND PROPERTIUS.—This course embraces selections from the Elegies of Ovid and Propertius illustrative of this department of Latin poetry. The selections from the Metamorphoses of Ovid are very valuable from the mythology which they contain treated in epic form. Four hours a week. Spring term. Sophomore.

V. HORACE.—Many of the Odes and of the Satires and Epistles, and the Ars Poetica constitute this course. Poetic peculiarities, sentiment, and elegance of expression in Latin verse are among the things studied. Prosody is an essential part of the work. Four hours a week. Fall term. Junior.

VI. CICERO'S TUSCULAN DISPUTATIONS I AND SELECTIONS FROM LUCRETIVS.—This course is given as a study in Roman philosophy. Special attention is called to philosophical thought as expressed by these two authors. The technical meaning of words, and a thorough drill in syntax are emphasized. Four hours a week. Spring term. Junior.

VII. ROMAN COMEDY.—This course embraces the Captivi and Trinumus of Plautus, the Andria and Adelphoe of Terence. It is the intention of this course to give the student an idea of the fundamental

qualities of Roman comedy. It is in the comedy that one finds daily life depicted, and it is in comedy that the daily speech is used,—two very essential elements toward a correct understanding of the literature of a people. Three hours a week. Fall term. Senior.

VIII. TRAGEDY.—This course embraces three Tragedies of Seneca and selections at sight from Gudeman's Latin Literature. Three hours a week. Spring term. Senior.

### *The Greek Language*

I. The first term in the study of Greek is devoted to learning the forms of the language, and doing easy exercises from Frost's Greek Primer. In the second term, two books of Xenophon's Anabasis are read.

II. In the second year, the third book of the Anabasis, and about an equal amount of Herodotus are read in the first term. The second term is given to Homer's Iliad.

III. During the first term of the third year Plato's Apology, Crito, and Thucydides are read. The last term is given to New Testament Greek.

For students electing a fourth year in Greek additional reading matter will be furnished according to the wish and efficiency of the class.

## *German*

Students may take three years of German by election. In that time they can obtain a good knowledge of the German language, and acquire facility in speaking it.

## *French*

I. During the first year the work comprises: (1) careful drill in pronunciation; (2) the rudiments of grammar; (3) easy exercises in translating into French; (4) writing French from dictation; (5) practice in conversation; (6) the reading of about 150 pages of easy French stories. Grammar: François' Beginner's French. Four hours a week.

II. The second year work comprises: (1) the reading of from 300 to 400 pages of modern French in the form of stories and historical sketches; (2) constant practice as in the first year, in pronunciation, grammar, dictation, composition, and construction. Text-books: A Prose Composition and such texts as Dumas' *Le Comte de Monte-Cristo*, Halévy's *L'Abbé Constantin*; Erckmann-Chatrian's *Madame Thérèse*, etc. Four hours a week.

## *English*

Ia. RHETORIC, COMPOSITION, AND LITERATURE.—This course covers in the main the principles of rhetoric and composition, with the frequent writing of



themes which are discussed in personal conferences between the writers and the instructor. Attention is also given to the reading and careful analysis of model prose selections taken from the best English and American writers. In addition to the above, each member of the class is expected to choose one of several elective courses of private reading on which he may expect to be examined at the end of the term. Four hours a week, first term.

**Ib. ENGLISH LITERATURE.**—The second half year presents a general survey of English Literature from the Anglo-Saxon age to the present day. Lectures, readings in class, outside readings and reports. Four hours a week, second term.

**IIa. ELIZABETHAN DRAMA.**—This course is intended to acquaint the student with the drama of the age of Elizabeth. It consists of a historical survey of the drama, a study of the playwrights immediately preceding Shakespeare with respect to their influence upon him, a study of Elizabethan society and playhouses, and a few of Shakespeare's early plays. Elective. Three hours a week, first term.

**IIb. SHAKESPEARE.**—This course is a continuation of IIa. The entire term is devoted to the careful analysis of a selected number of Shakespeare's plays and a study of his development as a dramatist. Other plays are read less critically outside the class. Elective. Three hours a week, second term.

\* IIIa. NINETEENTH CENTURY PROSE.—During the first half year attention is given to the English prose masters of the nineteenth century, and a more or less critical examination of some of their works. Lectures, readings in class, outside readings and reports. Elective. Three hours a week.

\*IIIb. NINETEENTH CENTURY POETRY.—The second half year is devoted to the careful study of some of the principles of literary criticism and their application to the works of the nineteenth century poets. Lectures, readings in class, outside readings and reports. Elective. Three hours a week.

IVa. AMERICAN LITERATURE.—The purpose of this course is to give the student a general survey of American Literature from 1607 to the present day, with a more or less intensive study of the representative writers of each period. Lectures, recitations, outside readings and reports. Elective. Three hours a week, first term.

IVb. EIGHTEENTH CENTURY LITERATURE.—This course presents a study of the literary movements in the eighteenth century and a critical analysis of selected readings from the representative English poets and prose writers. Lectures, readings in class, outside readings and reports. Elective. Three hours a week, second term.

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\* Not given in 1912-1913.

V. ADVANCED RHETORIC AND COMPOSITION.—A study of formal rhetoric and composition. Personal conferences and criticisms. Required of all sophomores. Two hours a week throughout the year.

Students in upper classes who are deficient in English Composition will be required to do special work in that subject.

### \* *Biblical*

The Biblical department of Guilford College is organized on an equal basis with other departments of the College. Students of the College who elect Biblical subjects for their major work and complete the general requirements in other studies receive the degree of A. B.

This department, however, offers opportunities of study to students who may not wish to pursue a regular course. There are practical courses open at all times of the year which would be very beneficial to anyone who should spend even a brief residence at the College. Students of this class, not expecting a degree, may enter at any time, though it is always best to enter at the beginning of a term.

I. BIBLICAL HISTORY.—This is an introductory course, preparatory to further study in Biblical interpretation and exposition, intended to give the student

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\* Not given in 1912-1913.



a comprehensive knowledge of the entire Bible contents. It begins with a study of the earliest centers of civilization, and traces the development of religion and civilization in the light of modern discovery and exploration down to the era of the Hebrew conquest and settlement in Palestine. Each period of Hebrew and Jewish history is then studied historically down to the apostolic period of Christian history. The Biblical writings are viewed in the light of their origin and purpose. The aim of this course, aside from an acquaintance with the long and varied history of the Hebrew race, is to present clearly the course of revelation as apprehended and advocated by the inspired Biblical writers and teachers, and to incite an appreciation of the fundamental grounds of Christian belief. Required of all College students in the sophomore or junior year. Four hours a week. One year.

II. FOUNDATIONS OF CHRISTIANITY.—An advanced course primarily on the history and teaching of Christ, but dealing also with the life and thought of the period in which the Messiah appeared. The chief feature of this course is a constructive study of the methods of Jesus as Savior. Fall term. Three hours a week.

III. THE APOSTOLIC PERIOD.—A study of the rise and progress of Christianity to the close of the first century, A. D., with an examination of the contents of the entire New Testament. Spring term. Three hours a week.

IV. HOMILETICS.—The work in Homiletics comprises two courses.

*a.* THE WORK OF PREACHING.—An elementary course dealing with the principles of preaching. One hour a week for a year.

*b.* PRACTICAL HOMILETICS.—An advanced course, embracing sermonizing and a large amount of exegetical and homiletical work in the Scriptures. Two hours a week. Spring term. Primarily for seniors.

V. PROPHECY.—Primarily an expository course on selected portions of the prophetical writings of the Old Testament. But the field and influence of prophecy in the history of Israel and the nature of true prophecy, together with the changes in the prophetical elements of various epochs, will be studied. Three hours a week. Fall term.

VI. THEOLOGY OF JUDAISM.—A course examining into the thought and belief of the Jews as exemplified in some of the later Scriptures of the Old Testament, together with some extra-canonical writings which disclose the popular feelings and hopes of Judaism anticipatory to the advent of Messiah.

VII. CHURCH HISTORY.—A history of the Christian church from the apostolic period to the present time. Four hours a week for a year, except in the last half year of the spring term, three hours a week, when two hours a week will be given to Friends History.

VIII. FRIENDS HISTORY.—This course comprises an outline of the history of Friends and examines extensively the writings of Friends on the subjects of doctrine, worship, polity, and Christian life. Special attention will be given to the status, problems and opportunities of Friends at the present time. This course is optional. Two hours a week. Last half of spring term.

IX. CHRISTIAN DOCTRINE.—This course discusses and examines the various doctrines and tenets of the Christian religion as usually set forth under the title of systematic theology. Three hours a week. Fall term.

X. CHRISTIAN MISSIONS.—A general history of Christian Missions, with special attention to the present fields of missionary activity. Special phases of the missionary work and the lives of great missionaries will be presented by papers and various assignments to members of the class. A seminar course. One hour a week. One year.



## *History and Economics*

I. MEDIAEVAL AND MODERN HISTORY.—In this course the history of Western Europe is studied, outlining the Rise of the Papacy, the Crusades, the Renaissance, the Reformation, the French Revolution, and the Development of Modern Europe. Reference work in the Library and reports on special topics form an essential part of the course. Three hours a week. One year. Elective in Political Science Group in freshman year. Required in all other Groups in the sophomore year.

\*II. ENGLISH HISTORY.—This is a study of the political, industrial and constitutional development of England from the earliest period to the present time. Special attention will be given the State, the English Church, the Puritan Movement, the Colonial System and the Industrial Revolution. Reference work and reports are required. Three hours a week. One year. Alternates with Course I as an elective in freshman year in Political Science Group and as a requirement of sophomores in all other Groups.

IIIa. CONSTITUTIONAL HISTORY.—This is a study of the formation and development of the United States government, with a close examination of its present form and workings. It is, therefore, a combination of

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\* Not given in 1912-1913.

history and advanced civics. A text-book is used, but considerable reference work in the Library is required, the results of which are embodied in themes at regular intervals during the term. The aim is not only to develop a knowledge of the history and workings of the Government, but to stimulate an interest in current political life and its responsibilities. Four hours a week. Fall term. Required in the Political Science Group; elective in junior or senior year in all other Groups.

IIIb. CONSTITUTIONAL HISTORY.—The nature and origin of government will be traced, together with the development of the modern states: England, France, Switzerland and Germany. This is followed by a study of the general form and working of these governments, with emphasis on the legislative, administrative and judicial functions. Reference work on the subject matter of the course and the current political and diplomatic situation in Europe is done in the Library and reports made to the class. Each member of the class is required to make an independent study of some government not treated in the class and write a theme on it. Four hours a week. Spring term. Required in the Political Science Group; elective in junior or senior year in all other Groups.

IV. AMERICAN HISTORY.—This is a course in advanced American History, and deals with origins, movements, and developments rather than mere inci-

dents and facts. A text-book will form the basis of the course, but broad readings, reports, lectures and discussions will form the major part of the work. The study will extend throughout the year, reciting four hours a week, but will be divided into two parts as follows:

(a) Fall term: 1492-1789—Colonial Period, Revolution and Independence, Formation of the Government and Origin of Parties.

(b) Spring term: 1789-1912—National Development and Expansion, Slavery Controversy, Civil War and Reconstruction, Period since the War.

Courses IVa and IVb alternate with IIIa and IIIb and will not be given in 1912-1913.

V. ECONOMICS.—This is a general introduction to the principles of political economy. Its purpose is to give a general understanding of current American economic problems and of the forces underlying our industrial life, thus preparing students for more advanced study and the duties of citizenship. The course consists of text-book, collateral reference work and a theme by each student based on a study of some practical economic problem. Four hours a week. Fall term. Junior or senior.

VI. ECONOMICS.—This course is a continuation of Economics V. In it a more thorough study is made of certain phases of political economy, including money and banking, transportation, corporations and



the tariff. Three hours a week. Spring term. Junior or senior.

VII. SOCIOLOGY.—This course strives to explain the basis of society, the social institutions, social pathology and the remedies, and social psychology and progress. Collateral reading and the study of some current social problem is required of each member of the class. Three hours a week. Fall term. Senior.

### *Philosophy*

I. PSYCHOLOGY.—A course in general psychology, seeking to cover the field of mental facts and processes, supplemented by readings and lectures. Three hours a week. Fall term. Senior.

II. ETHICS.—In this course the trend of Christian ethics will be considered historically, and an attempt is made to find a fundamental basis of moral conduct. The work consists of lectures and notes on assigned readings, together with a theme on some phase of ethical study. Four hours a week. Spring term. Senior.

III. LOGIC.—Careful attention is given in this course to definitions and explanations of the terms, and much practice in processes of reasoning. Two hours a week. Spring term. Senior.

IV. METHODS OF TEACHING.—A practical study of the psychology and methods involved in the teaching of the common school subjects. Last eight weeks. Spring term. Elective.

### *Mathematics*

Ia. COLLEGE ALGEBRA.—Rapid review of quadratics, careful study of theory of exponents, binomial theorem, ratio, logarithms, graphs. Two hours a week. Fall term. Freshman.

Ib. PLANE TRIGONOMETRY.—The definitions and relations of the six trigonometric functions as ratios; circular measurement of angles; proofs of the principal formulas, especially those for the sine, cosine, and tangent of the sum or difference of any two angles whatever, and of double angles and half angles; also the product expressions for the sum of two sines or of two cosines, etc.; the transformation of trigonometric expressions by means of these formulas, the use of inverse functions, and the solution of plane triangles. Three hours a week. Fall term. Freshman.

IIa. SOLID GEOMETRY.—Properties of straight lines and planes, of dihedral and polyhedral angles, of projections, of polyhedrons, including prisms, pyramids, and the regular solids, of cylinders, cones, and spheres, of spherical triangles, and the practical measurements of surfaces and solids. Dissected sphere, truncated cones, prisms, and pyramids with other solids are used in illustration of practical work. Three hours a week. Spring term. Freshman.

IIb. Spherical Trigonometry with simple appli-

cations in Navigation. Two hours a week. Spring term. Freshman.

IIIa. PLANE ANALYTIC GEOMETRY.—Line, circle, and conics, with graphs and problems in loci. Four hours a week. Fall term. Sophomore.

IIIb. SOLID ANALYTIC GEOMETRY.—This is an elementary course in three—dimensional geometry, including the plane, straight line and quadratic surfaces. Five hours a week. Spring term. Sophomore. (Analytic, 3 hours a week. Special topics in Advanced Algebra, 2 hours a week.)

IVa. DIFFERENTIAL CALCULUS.—An elementary course, with applications, including maxima and minima, rates and infinite series. Four hours a week. Fall term. Junior.

IVb. INTEGRAL CALCULUS.—This course is devoted mainly to the integral calculus of functions of one variable and covers the following subjects: differentials; methods of integration; definite integrals; applications to areas and lengths of plane curves; volumes of solids of revolution; and mechanical applications to work, pressure, etc. Four hours a week. Spring term. Junior.

Va. DRAWING AND DESCRIPTIVE GEOMETRY.—A study of the representation of lines, planes, surfaces, and solids and their inter-relations. Text-book is



used and recitations are held upon the problems there stated or explained. A drawing period serves to allow the student to make drawings of original problems which are illustrations and applications of the problems in the book. Intersections, shades and shadows, perspective. The intersections include various forms of the intersections of planes with surfaces and solids, of surfaces with solids, and of solids with solids. Geometrical problems, which include the drawing of the problem in pencil and ink; also a study of simple forms of projection in plane, elevation and section. Cross sections, which includes practice in using drawing instruments in making the conventional signs of sections through different materials. Tracing details, which includes the use of tracing cloth in making tracing from blue prints of standard drawings, and from pencil drawings; also making blue prints from tracings. Four hours a week. Fall term. Senior.

Vb. ENGINEERING, TOPOGRAPHIC AND GEODETIC.—Plane Surveying. The recitations cover the construction, use and adjustment of the compass, transit and level, the use of chains, tapes, rods and other instruments; land surveying computations, including balancing, supplying omissions, finding areas and dividing land; and United States public land surveys. The field work and computations afford practice chiefly in making a traverse and transit and chain, in leveling, in adjustments of transit and level, and in the

computations required to balance and map the traverse. Field work, computations and mapping.

GEODETIC SURVEYING. — Preparation required, Course IIa. The lectures and recitations cover the fundamental geodetic problems of latitude, longitude, time and azimuth with the engineer's solar transit. Practical work in astronomy by use of mariner's compass and sextant; also stadia and plane table work. Three hours. Spring term. Senior.

Vc. DESCRIPTIVE ASTRONOMY.—This course aims to give such information concerning the heavenly bodies and the laws by which they are governed as must be secured by every one who aspires to the possession of a liberal education. The student learns the method of determining the figure, dimensions, distances, motions, physical character, and telescopic appearances of the bodies constituting the solar system, nature of comets, meteors, stars, nebulae.

A small telescope, a solar transit, a student's spectrometer, sextant, clinometer, and sundial enable students to supplement their work with interesting observations as are required. (Text-book, Young's Astronomy.) Two hours a week. Spring term. Senior.

### *Biology and Geology*

I. GENERAL ZOOLOGY.—The object of this course is to give the student a familiarity with the structure

and life processes of selected types of protozoa and metazoa, including vertebrates and invertebrates. The work includes a study of the gross anatomy, histology, physiology, and something of the development of each type of the metazoa. Lectures, text-book and laboratory work. Four hours a week. Text-book, Parker's Practical Zoology. Required of biological science students in the sophomore year.

II. COMPARATIVE ANATOMY AND EMBRYOLOGY OF VERTEBRATES.—The course consists of (1) the dissection of types of vertebrates; (2) the early development of the frog; (3) the embryology of the chick. Lectures, text-book and laboratory work. Four hours a week. Text-book, Lillie's "The Development of the Chick".

III. THE MORPHOLOGY AND PHYSIOLOGY OF PLANTS.—In this course a careful study is made of the morphology of one or two of the four groups of the plant kingdom. This is followed by a study of plant physiology. Four hours a week.

IV. GEOLOGY.—Recitations, laboratory and field work. The common rocks and minerals are studied and identified, their dynamic, structural and historical geology is studied in connection with field trips, stereopticon illustrations, and the examination of fossils, in the laboratory. Four hours a week.



## THE BIOLOGICAL LABORATORY

The biological laboratory is a well lighted room in Memorial Hall. It is 19 x 30 feet and is provided with desk-room and lockers for twenty-two students working at a time. It is supplied with water and large sink, part of which can be used for an aquarium. There are also some small glass aquaria and dishes in which to keep material. The laboratory is provided with eleven compound microscopes, eight dissecting microscopes, a rocking microtome, a sliding microtome, a large paraffin inbedding oven, dissecting tools and pans, various re-agents, and stains and staining jars. The department has a college bench lantern with arc light and with attachments for reflection of opaque objects and the projection of microscopic slides. There are at hand for illustrating the various subjects taught, 150 lantern slides and 800 microscopic slides. This collection is constantly growing. The museum, which is a very valuable one, is open for the use of the department.

*Chemistry*

I. GENERAL CHEMISTRY.—This course comprises a study of the principal elements, their simple compounds, chemical theory, nomenclature, equations, and an introduction to the compounds of carbon. Instruction is given by means of recitations, lectures, excursions and laboratory work. This course is continuous

throughout the year and may not be divided. Four hours. Sophomore year.

IIa. QUALITATIVE ANALYSIS.—The work in this course includes the separation of bases, the detection of acids, the analysis of simple inorganic salts, mixed salts, oxides and the more common organic compounds. Requisite, Course I. Four hours. First half year.

IIb. QUANTITATIVE ANALYSIS.—In this course, analysis of pure salts is made by use of both gravimetric and volumetric methods. Complete analysis of samples of limestone, dolomite, clays, iron, copper, and zinc ores is required. Requisite, I and IIa. Four hours. First or second half year.

III. ORGANIC.—An introductory course dealing with the most important compounds in both aliphatic and aromatic series, with especial attention to those of industrial and physiological importance. Requisite, I and IIa. Four hours. Second half year.

IV. ADVANCED COURSES.—Students who have completed I, IIa, and b, and III may, on consultation, take either of the following:

IVa. Analysis of water, milk, fertilizers, ores, etc. Hours to be arranged.

IVb. ORGANIC.—If a sufficient number desire it, a course dealing with nutrition, the chemical characteristics and nutritive value of foods and the chemical

and legal control of food industries will be given. Four hours. Half year.

IVc. PHYSICAL CHEMISTRY.—A brief study of gases, solutions, molecular weights, equilibrium, electrolytic constants, etc. Text, Morgan's Physical Chemistry for Electrical Engineers. Four hours. Half year.

Not more than two of these courses will be given in the same year.

CHEMISTRY A.—In view of the wide application of chemistry in modern life, at least a half year's work in this subject is required of candidates for a degree in all Groups except AIV and BIV. Course A is arranged primarily for students in the classical and literary courses and deals in a very general way with the principles of the subject and with the most important elements and compounds, attention being given chiefly to practical applications of chemistry in manufacturing processes, fertilizers, fuels, sanitation and foods. This course is necessarily limited and is not recommended to anyone whose program of work will permit his taking Course I. Half of Course I is not, however, the equivalent of this and may not be substituted for it. Four hours. Second half year.

In most courses there are three recitations and four hours laboratory work per week. Where this order is changed two and one-half hours laboratory work are considered the equivalent of one recitation hour.



## THE CHEMICAL LABORATORY

The department is equipped with water, gas, electric current, balances, and all apparatus necessary to carry on the courses outlined. It has at its disposal an excellent spectrometer, microscopes, and the projection lantern of the biology department. The college museum furnishes an excellent line of rocks and minerals for illustration, and the department itself has a steadily growing exhibit of chemical and industrial products for use with its courses.

*Physics*

The physics laboratory is in the basement of new King Hall. The room is 24 x 70 feet and is well equipped for the following courses:

I. An elementary general course, including textbook work, individual laboratory measurements, lecture experiments, collateral reading and mathematical work, making use of algebra and plane geometry. Four hours a week the entire year. Elective. Millikan and Gale's text and manual.

II. GENERAL PHYSICS.—This course is open to those who have completed Physics I and who have a good working knowledge of Plane Trigonometry and the elements of graphing. Mechanics, heat, sound, light, electricity and magnetism are studied in detail. In this course at least one period of laboratory work is

required each week, the chief aim of which is to establish an immediate and vital connection between theory and experiment by accuracy of observation and of measurement. Four hours a week the entire year. The text-book is Hastings and Brach, General Physics.

III. ADVANCED PHYSICS.—Four hours a week entire year.

### *Bookkeeping and Banking*

MODERN ILLUSTRATIVE BANKING AND MODERN ILLUSTRATIVE BOOKKEEPING.—A short course in practical work with checks, drafts, notes, deposits, discounts, and other commercial papers and vouchers.

The extra charge of \$10.00 per term includes blanks and vouchers.

Required in Course AIV, and can be elected in any course.

### *Department of Music*

It is the aim of the department to give such technical and aesthetic training as will enable students to continue their studies independently and also to impart their knowledge. To this end courses have been arranged along those lines which will tend to cultivate taste, develop the mind, and elevate the ideals.

The time required for the completion of these courses will vary, according to the native talent, the previous training, and industry of the student.

Pupils will be taught with reference to their peculiar needs, and aided from the beginning to form habits of attention and thoughtful practice.

### COURSES OF STUDY

#### COURSE I.

Pianoforte, Harmony, two years, History of Music, one year, literary studies equivalent of a High School course or the Guilford Preparatory course. In addition to these, German one year; French, one year; English Literature, one year.

#### COURSE II.

Voice Culture, Pianoforte through the Freshman year; Harmony, one year; History of Music, one year; literary studies equivalent of a High School course or the Guilford Preparatory course. In addition to these, German, one year; French, one year; English Literature, one year.

### PIANOFORTE

Studies: Kühner, Löschhorn, Lemoine, Streabbog, Gurlitt, Smith, Concone, Lambert, Burgmüller and others.

Duets and Trios.

Pieces: Suitable pieces selected with a view to the most rapid advancement of the pupil. Sonatinas by Kullak, Clementi, Haydn and Mozart.

Scales and arpeggios introduced. Memory Work.



## FRESHMAN

Studies: Czerny-Germer, LeCouppéy, Berens Velocity exercises, Bach's "Little Preludes and Fugues," Czerny Octaves, op. 553, etc.

Pieces by Böhm, Bachmann, Lack, Wachs, Haydn, Merkel, Schumann.

Easier Sonatas by Haydn, Mozart, and Beethoven.

Scales and Arpeggios, major and minor, parallel motion.

Memory Work.

## SOPHOMORE

Studies: Czerny, op. 299. Czerny-Liebling studies, Löw Octaves, op. 281, Bach French Suites, and Two-part Inventions.

Pieces: Mendelssohn, Chaminade, Godard, Meyer-Helmund, Karganoff, Reinhold, Dreyschock.

Duets, quartettes, two piano pieces. Sonatas, Mozart, Beethoven.

Scales and arpeggios, major and minor scales in tenths and contrary motion, arpeggios, inverted and contrary.

Memory work.

## JUNIOR

Studies: Czerny, op. 740, Czerny "Staccato and Legato," Kullak Octaves, Pischna Progressive Exercises, Clementi-Tausig, "Gradus", Bach Three-Part Inventions. Quartettes and Two Piano Pieces.

Pieces: Schumann, Schubert-Liszt, Raff, MacDowell, Moszkowski, Chopin, Weber, Leschetizky, etc.

Sonatas: Beethoven, Mozart.

Scales, major and minor in thirds and sixths and contrary, arpeggios, inverted and contrary.

Memory work.

#### SENIOR

Technical work of preceding grades continued.

Pieces: Liszt, Brahms, Weber, Chopin, Vogrich, Schumann, Rubenstein, Rachmaninoff.

Bach Well-Tempered Clavichord.

Candidates for admission into the senior class will be required to pass the following examination at the beginning of the year in which they intend to graduate:

I. Major and minor scales parallel in octaves, thirds, tenths and sixth, and contrary, at the speed of 92 to four sixteenths; arpeggios, major and minor, parallel and contrary and inverted, at the speed of 80 to four sixteenths.

II. Sonata by Mozart.

III. Three part Bach Invention from memory.

IV. Two pieces from memory, studied during the junior year.

## VOCAL

Careful attention will be given to correct breathing, voice placing, tone production; the use of the lips, tongue and palate with reference to distinct articulation; all tending toward the development of a natural and easy manner of singing.

Vocalises and Solfeggio: Studies selected from Concone, Panofka, Marchesi, Sieber, Bordogni.

Songs of the best English and American composers, beside those of Mozart, Schubert, Schumann, Franz, Grieg.

French, German and Italian songs in the original text.

Arias from the Oratorios of Handel, Haydn, Mendelssohn.

## HARMONY

The difficulties in the study of harmony will be lessened by learning that the rules are derived from certain principles, i. e., the natural tendencies in harmonic and melodic progressions. The study will involve a thorough knowledge of musical notation, intervals, signatures, keys, formation of scales, triads of major and minor scales and their inversions. Simple four-part writing from given bases and sopranos.

Harmonies of the Seventh and their inversions, secondary harmonies of the Seventh and their inversions.



Chords of the Seventh in connection with chords of other tone degrees.

Chords of Ninth, Eleventh and Thirteenth.

Chromatic alterations of the Fundamental Harmonies, Modulations, Suspensions, Organ-Point, Passing-Notes, Passing Chords, Harmonizing Melodies. Text-book, Emery's Elements of Harmony.

### HISTORY OF MUSIC

Music before the twelfth century.

Development as an independent art.

Evolution of Folk-Songs: Troubadours, Minnesingers, Meistersingers.

Evolution of Music Forms: Choral, Oratorios, Sacred Cantata, Sonata, Symphony.

Schools of Music: The Netherlands, Flemish, Italian, French, German.

Masters of Music: Palestrina, Handel, Bach, Gluck, Haydn, Mozart, Beethoven.

Lesser Lights: Schubert, Von Weber, Spohr, Mendelssohn, Schumann, Cherubini, Wagner.

### FREE CLASSES

SIGHT SINGING.—For those desiring to fit themselves for music teaching in schools, or for chorus singing. Text-book, Root's "Methodical Sight-Singing", Part II.

CHORUS CLASSES.—In these classes students receive training in part-singing.

### RECITALS

Realizing that ease and confidence in playing for others can be acquired only by doing so, pupils' recitals will occur at regular intervals, at which pupils will perform studies and pieces in the presence of all the pupils, the numbers given being explained and analyzed.

Two public pupils' recitals will be given during each term.

Pupils will have the opportunity of hearing the best works of the different epochs performed and analyzed.

### DIPLOMAS

Candidates for graduation in music, besides completing the prescribed course, will be required to give a finished and satisfactory public recital.

Students who are candidates for a degree will be permitted to substitute a maximum of two courses of not less than one year each, satisfactorily completed, in or above the freshman class in music, for any two electives in the regular academic courses.

Students are charged regular tuition besides the music whether they take other studies or not, and when entering the class in music at the beginning of the term, they are charged the full rate for the term, with no rebate, except in case of protracted sickness.

*Domestic Science*

The teaching of Domestic Science is of great importance, and the department has been introduced under the charge of Miss Rachel E. Farlow, a graduate of Drexel Institute, Philadelphia. Girls pursuing this subject, may make it elective one hour each term, that is, credit in Domestic Science may count for work in graduation.



## THE PREPARATORY SCHOOL

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A course of training for students who come to us unprepared for college classes has been arranged and embraces the following subjects:

### FALL TERM

### SPRING TERM

English A .....	5
English B .....	4
English C .....	4
Arithmetic .....	5
Algebra .....	5
Primary Latin .....	5
Cæsar .....	5
Ancient History .....	4
Physiology .....	4
Plane Geometry .....	5
Cicero .....	5
Bible .....	1

English A .....	5
English B .....	4
English C .....	4
Arithmetic .....	5
Algebra .....	5
Primary Latin .....	5
Cæsar .....	5
Ancient History .....	4
Physiography .....	4
Virgil .....	5
Bible .....	1
Bookkeeping (Elective) .	3
American History .....	4

### ENGLISH

A. The work in English for the first year in the preparatory course consists of grammar, composition, and literature. Masterpieces in literature are carefully studied and made to serve as topics for drill in composition. Short selections are memorized. Outside reading is also required.

B. Pupils are required in the second year preparatory to study technical English grammar, Elemen-

tary Rhetoric, masterpieces in English and American Literature, and composition. Memory work and outside reading are both required.

C. The third year in English prepares for entrance to the Freshman class in College. For the year 1912-1913 the following will be required:

FOR STUDY.—Shakespeare's *Macbeth*; Milton's *L'Allegro* *Il Penseroso*, *Comus*, *Lycidas*, and some of his *Sonnets*; Scott's *Lady of the Lake*; Arnold's *Sohrab and Rustum*; Carlyle's *Essay on Burns*.

FOR READING.—(Two must be selected from each group.)

I. *Genesis*, *Exodus*, *Joshua*, *Judges*, *Samuel*, *Kings*, *Daniel*, *Ruth*, *Esther*; Homer's *Iliad*; Vergil's *Æneid*.

II. *Merchant of Venice*; *As You Like it*; *Twelfth Night*; *Henry V*; *Julius Cæsar*; *Midsummer Night's Dream*.

III. *Robinson Crusoe*; *Vicar of Wakefield*; *Ivanhoe*; *House of Seven Gables*; *David Copperfield*; *Silas Marner*; *Treasure Island*; *Cranford*.

IV. *Pilgrim's Progress*; *Franklin's Autobiography*; *Parkman's Oregon Trail*; *Stevenson's Inland Voyage and Travels with a Donkey*; *Sir Roger de Coverley Papers*; *Macaulay's Essay on Warren Hastings*; *Irving's Sketch Book*.

V. Gray's *Elegy* and Goldsmith's *Deserted Village*; Coleridge's *Ancient Mariner* and Lowell's *Vision of Sir Launfal*; Scott's *Lay of the Last Minstrel*; All of Wordsworth, Shelley, and Keats in Palgrave's *Golden Treasury*; Longfellow's *Miles Standish* and Whittier's *Snowbound*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *Passing of Arthur*; Byron's *Childe Harold*, *Canto IV*, and *Prisoner of Chillon*.

#### LATIN

Three years in Latin are given in the Preparatory School.

I. PRIMARY LATIN.—This is a five-hour course throughout the first year, and embraces all the essentials preparatory to a study of higher Latin.

II. CÆSAR'S GALLIC WAR AND LATIN COMPOSITION.—This course extends through the second year, embracing four books, I-IV. Composition weekly. An effort is made to develop a ready reading knowledge of Latin. Attention is given to pronunciation, word-forms, case-syntax, moods, tenses, and indirect discourse. Military matters and the geography of the text are emphasized. Five hours a week.

III. CICERO AND COMPOSITION.—This course embraces the four orations against Cataline. Composition weekly. Thorough grounding in prose construc-



tion is aimed at on the linguistic side. Oratorical style, historical and biographical setting are considered.

IV. VIRGIL AND COMPOSITION.—This course embraces four books of Virgil. Composition weekly. Thorough drill in syntax, poetic peculiarities, and prosody are aimed at.

### SCIENCE

PHYSIOLOGY.—Physiology is required of preparatory students, or those who enter college conditioned on the subject.

Four recitations a week are given throughout the fall term of the second year of the preparatory course. Besides a general outline of human anatomy, the course deals with the study of the properties, uses and actions of the various parts of the body. The influence of narcotics and alcoholic stimulants upon the various organs is carefully explained. The subject is made interesting and attractive by laboratory experiments, microscopic slides, anatomical models, charts, and projections.

PHYSIOGRAPHY.—An elementary course for preparatory students. Recites four times per week. Besides the text-book work, the class makes a special study of weather conditions, the weathering of rocks, and the development of drainage systems.

## HISTORY

One year of History is required of all preparatory students. This is a course in Ancient History, including Oriental, Greek and Roman. Botsford's "Ancient History for Beginners" is the text-book that is used.

## ARITHMETIC

COURSE A. This course is designed to enable the student to acquire a practical knowledge of current business methods as well as skill in numerical calculation. The course includes a study of practical measurements, commercial discounts, gain and loss, commission and brokerage, insurance, taxes, duties and customs, interest and banking, equations and cash balance, dividends and investments, and partnership and storage. Five hours a week. Given each term. Text-book, Moore and Miner's Practical Business Arithmetic.

## ALGEBRA

COURSE B.—This course includes factoring, common divisors, common multiples, fractions, simple equations and simultaneous equations. Five hours a week. Fall and Spring terms. Text-book, Milne's High School Algebra.

COURSE A.—Elementary graphing, simultaneous equations, zero, fractional and negative exponents, surd quantities, imaginaries, quadratic equations.

Five hours a week. Given each term. Text-book, Stone and Millis.

PLANE GEOMETRY.—Besides the demonstrations of the theorems, the student is required to apply the principles learned in the solution of the original propositions and problems.



### *The Museum*

The Cabinet of Natural History Specimens is one of the most interesting features of the institution. The collection has been formed more especially with reference to giving assistance in class room work than to making a display of peculiar relics. It is a working cabinet rather than a collection of curiosities. We find it indispensable as a means of furnishing examples and illustrations for the various branches of natural history.

Among the most valuable specimens may be mentioned:

The collection of minerals, containing more than two hundred varieties.

Specimens of limestone, including stalactites, stalagmites, and other formations from the Mammoth, Luray, and Wyandot Caves.

A number of rocks, representing igneous, metamorphic, stratified, and glaciated specimens.

A collection of fossils, numbering several hundred, giving a good idea of both animal and vegetable life in the Paleozoic, Mesozoic, and Cenozoic eras.

Volcanic Specimens.—The best of which are from the Sandwich Islands and Mount Vesuvius.

Corals.—More than one hundred specimens from the islands of the Pacific, and Florida.

Shells.—Comprising more than one hundred and fifty land and water species.

Marine Animals.—Consisting of fishes, star-fishes, sea urchins, crabs, etc.

Archaeological Specimens.—More than one thousand in number.

A collection of casts of prehistoric implements, numbering over one hundred specimens, a donation from the Smithsonian Institute. The collection illustrates the development of man through the stone, polished stone, and bronze ages.

Mounted Animals.—One hundred and seventy-five mounted birds and animals. Among them are eleven species of hawks and owls, thirteen species of wild duck taken in North Carolina, a pair of wild turkeys, a buffalo head, a large beaver, a wild cat, two minks, an alligator, and other animals. Also one hundred skins of birds and mammals used in class work.

In collecting for the cabinet great care has been taken to obtain such specimens as will aid in the study of zoology and kindred subjects.

Our cabinet contains more than two hundred varieties of bird's eggs, numbering over 1,200 individuals. This collection includes not only the eggs of our North American birds, but the most prominent orders of South America, Europe, Asia, and Africa. The eggs of the guillimots from the Faroe Islands, and the gulls and auks of Labrador and Iceland are perhaps the most rare. There are also eggs of more than

thirty species of raptores from the United States, Canada, Mexico, Europe, and Asia.

The ostrich eggs from Africa and the penguin from South America are among the most valuable.

We would take this occasion to request any friends of the College, who have material to spare for a cabinet, to donate or deposit it. In either case they will be duly credited, and the specimens will be well cared for and freely used in different departments.

### *College Organizations*

The Henry Clay and Websterian are composed of young men, and the Philomathean and

#### **LITERARY SOCIETIES**

the Zatasian of the young women. These societies afford an opportunity for the development of the power of extemporaneous speaking, for training in parliamentary rules, and general culture. The efforts which have been made for improvement during the year are worthy of praise.

While under the control of the denomination of

#### **RELIGIOUS PURPOSE**

Friends, Guilford College is non-sectarian. In accordance with the purpose of the founders, the religious life of the institution has ever been fostered with earnest solicitude, and its religious influence has been positive and in harmony with evangelical Christianity.

Aside from Christian character, no amount of in-



tellectual training can prepare young men and women for usefulness in life. The College, therefore, regards it of the utmost importance that a positive, healthy, religious life be maintained.

Each school day is entered upon with devotional exercises, in which, by reading from the Bible or other suitable works, or by brief talks and such other exercises as seem most appropriate, special effort is made to promote holiness of life.

All students are required to attend the regular meetings for worship held once a week. Prayer meetings are held each week.

The Young Men's Christian Association, and also the Young Women's, have a large active membership, and exercise a strong and wholesome religious influence. These associations conduct Bible classes, missionary study classes and hold religious meetings; all of which are helpful in maintaining an active religious interest throughout the student body.

The Joseph Moore Science Club was organized a few years ago to offer opportunity to students and members of the faculty who wish to do special work in science. Meetings are held every two weeks, at which lectures are given or discussions held on important phases of modern science.



For the purpose of stimulating interest in literary matters outside the curriculum proper, there is an organization known as the Guilford College Literary Club, which meets every second week during the school year. The meetings are informal, and are participated in by both students and members of the faculty.

The Biblical Research Society is composed of members of the faculty and advanced students. The society meets bi-weekly, when papers are read and discussion held on Biblical topics.

The Biblical Seminar is an organization of young men, who hold bi-weekly meetings and devote themselves to discussion of topics relating to the work of the Christian ministry.

The Athletic Association is an organization whose purpose is to have oversight of the athletic interests of the College, embracing all the forms of physical culture maintained at the College, as baseball, basket-ball, lawn tennis, and track athletics.

The Alumni Association is organized with the following officers: President, D. D. Carroll, '07; Vice-President, Jos. D. Cox, '04; Secretary, Gertrude Wilson, '06; Treasurer, A. A. Dixon, '09; Registrar, Annie F. Petty, '94.

The purpose is to extend aid to the college in various ways.

A loan fund has been created by the Association for assisting students.

The Association has committees on Athletics, the Campus, Literary Productions, all of which, with the Executive Committee, are engaged throughout the year. The President's address each year at the meeting held in commencement week, as well as the annual oration, has often served to awaken a more general interest in the affairs of the college. The Association publishes the August Bulletin, in which reports of the year's proceedings can be found.

### *Scholarships*

Bryn Mawr College offers yearly to the young woman  
of the graduating class making the  
highest average grade a scholarship  
of the value of four hundred dollars.

The candidate is selected on the ground of excellence in scholarship, and must have been a student of Guilford at least two years.

Haverford College offers annually to the young man  
of the graduating class making the  
highest average grade a scholarship  
of three hundred dollars. No one will be considered eligible as a candidate who has not been a student at Guilford College at least two years.

The Class of 1904, in memory of their esteemed member, Marvin Hardin, whose beautiful life amongst us was brought to a close in October, 1907, have endowed an annual tuition scholarship; the same to be awarded to the sophomore making the best average in the sophomore studies, said amount to be available in the spring of the senior year, and only upon the condition that the student winning the money remain at Guilford during the junior and senior years.

### *Prizes*

The four literary societies, the Websterian, the Henry Clay, the Philomathean, and the Zetasian, each award two prizes every year—an orator's prize and a prize for improvement. These incentives to improvement in debate and composition serve a good purpose in promoting the literary interests of the membership.

The Class of 1905 have established a prize to be awarded each year to the member of freshman class who delivers the best oration at a contest held near the close of the year. Besides the style of delivery, the composition and literary scholarship evinced by the writer will be considered in determining the successful contestant.



A prize of ten (\$10.00) dollars, open to all undergraduates and graduates, is offered annually for the best paper, oration or lecture on "College Patriotism and the Means of Securing It."

The first award will be made in May, 1912, and will be announced at Commencement. Competitors are urged to discuss the subject on the basis of facts and to avoid mere theories and "fine" writing.

No production will be considered in competition for this prize which contains less than fourteen (1,400) hundred words and which does not give evidence of a study of conditions as they exist in Guilford College.

The committee of award shall consist of the Professors of English and History and a third member to be selected by the President of the College.

### *Honors*

Members of the freshman and of the sophomore classes, pursuing a regular amount of work, whose grades do not fall below 90 per cent. in any subject, shall be entitled to "Honors".

Members of the junior class who receive an average grade of 95 per cent. in their major work and do not receive a grade below 90 per cent. in any subject, shall be entitled to "Special Honors".

Those members of the senior class who have received "Special Honors" in their junior year, and



whose average grade in the senior year does not fall below 95 per cent., shall be entitled to "Highest Honors".

No honors shall be bestowed upon a student whose deportment is unsatisfactory.

### *Journal*

In addition to the regular literary work the societies of the College have for the past twenty-three years sustained the "GUILFORD COLLEGIAN," a journal that occupies a creditable position among college publications.

The COLLEGIAN gives its readers some insight into the student life at the college. It is also a means of developing a taste for literary work and facility in composition on the part of those engaged in its editing.

## EXPENSES

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The statement below embraces the entire necessary cost of attendance at Guilford College, except for books and stationery. No attempt is made to make a student's expenses appear less than they will actually be; and there is no charge for matriculation.

### *College Department*

Board, tuition and laundry, each term .....\$104.50

Payable in advance as follows:

September 3rd .....	\$55.00
November 2nd .....	49.50
January 18th .....	55.00
March 22nd .....	49.50

### *Preparatory Department*

Board, tuition and laundry, each term .....\$ 99.50

Payable in advance as follows:

September 3rd .....	\$53.00
November 2nd .....	46.50
January 18th .....	53.00
March 22nd .....	46.50

These figures, \$209.00 or \$199.00 for a year, cover all charges for comfortably furnished rooms in Arch-

dale Hall, Y. M. C. A., or on the third floor of Founders Hall, two students in a room, single spring beds, one 16 c. p. electric light, fuel, board, laundry, bath, use of nursery in case of sickness, and tuition in all regular courses. In case of protracted sickness a charge will be made for medical treatment.

### *Charges to Day Students*

Tuition in College Department, each term . . . .	\$32.50
Tuition in Preparatory Department, each term .	30.00

### *Extra Charges per Term*

Room rent on second floor Founders, extra for each student . . . . .	\$ 5.00
Room rent in Cox Hall, extra for each student	8.00
Chemistry I, IVc, and A . . . . .	5.00
Other Courses in Chemistry . . . . .	7.50
Biology . . . . .	2.50
Astronomy . . . . .	1.00
Surveying . . . . .	1.00
Physiology . . . . .	.50
Physics I . . . . .	2.00
Other Courses in Physics . . . . .	5.00
Bookkeeping or Banking . . . . .	10.00
Domestic Science—Sewing . . . . .	5.00
Domestic Science—Cooking . . . . .	5.00

Meals to the sick in rooms, except in nursery, will be charged extra.

A graduation fee of \$5.00 is charged at the close of the college course.

Students who have their laundry done at home and who are absent from the college each week from Friday evening to Monday morning are allowed \$10.00 reduction each term.

No reduction will be made for absence for the first two weeks at the beginning or for the last two weeks at the close of a term.

### *Charges for Music*

Piano, half-hour lessons twice a week, per term	\$20.00
Voice culture, half-hour lessons twice a week, per term	20.00
Piano or Voice, half-hour lessons once a week, per term	12.50
Harmony and Musical History, per term	2.50
Use of piano for practice, one period daily, per term	2.50
Each additional period, per term	2.00
Certificate for graduation in Music	2.50

### *Club Rates for Board*

To meet the demands for cheaper living, arrangement has been made by which young men can furnish their own provisions and board at cost. A dining hall



has been prepared for this purpose. The rooms in cottages are furnished with stoves, bedsteads, mattresses, chairs, tables, and electric lights. The charge of \$15.00 per term for each student covers room rent and wages of a cook in charge of dining-room and kitchen, and wood sawed right length for stove, electric lights and use of bath. The club must meet expense of splitting wood and bringing in wood and water for cook room, and each boy must keep his room swept with no rebate from charges. Provisions may be brought from home and their market value received in credit.

Under this plan of boarding, expense for board need not exceed cost for each student. Students who avail themselves of this system live well, and have the same advantages and are under the same regulations as those who board in the College.

If young men wish to board in the club and room in Archdale Hall or in the Y. M. C. A. Hall, the charge for room rent, laundry and cooking will be \$24.50 per term for each student.

Girls may enter New Garden Hall on the following terms: Each girl agrees to perform cheerfully and satisfactorily her allotted part of the household duties, to pay to the Treasurer of the College \$12.00 per term room rent and to the Matron of New Garden Hall cost monthly, in advance, for board. Board may be paid in provisions at market prices or in money.

### *Payment of Bills*

Payment of all bills for each term must be made in advance—one-half at the beginning and one-half at the middle of the term.

Students, when they enter at mid-term, will be charged from the time of entering until the close of the term, except by special arrangement. In case a student is absent from the College on account of protracted sickness of ten days or more a pro rata part of the money paid will be refunded on presentation of a physician's certificate that he is not able to return. If a student should leave the institution for any other cause or be expelled or suspended, he will forfeit the money advanced.

All communications relating to financial matters should be addressed to the Treasurer, George W. White.

## MISCELLANEOUS

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Within twenty-four hours after arrival at the College all students are required to meet the Treasurer and make satisfactory arrangement for the settlement of bills, and procure a registration card.

At the beginning of the term, students are expected to observe all the regulations of the college from the time of their arrival. Before taking meals in the dining-room they must enroll their names upon the register in the Treasurer's office. A strict observance of this regulation is expected.

Students who prefer to do so may board and lodge elsewhere than in the college buildings, at such places as are satisfactory to the faculty, and under such regulations and restrictions as may be prescribed.

Students engaging rooms at the beginning of any term are not at liberty to withdraw to any other boarding place during that term.

The privilege of the bath-rooms is not open to students who do not board in the college.

The fact that students board outside the college gives them no exemption from attendance upon study hours, morning collection, meetings for worship, Scripture classes, or lectures.

If any student wishes to have an open account for

books, it is requested that a deposit of five dollars be made to his or her credit in the book and stationery department. A full statement of purchase can be secured at any time and balance due remitted to Mary E. W. White, who has charge of this department. The book store is open Monday, Wednesday, and Friday of each week, 8:00 to 9:00 a. m., and 1:00 to 2:00 p. m.

Boarders furnish the white linen and all covering for their beds, also their own soap, towels, and table napkins.

Great care in all the household arrangements is taken by the Matron for the accommodation and comfort of the students.

Each boarding student is allowed three meals each term free for his visiting friends.

Every student entering the College thereby pledges himself to obey faithfully its laws and regulations.

Special care should be taken to comply with the requirement that all articles of apparel be plainly marked with the name of the owner in full in indelible ink.

No student can have more than a reasonable amount of washing done without extra charge.

It is desirable that all students should be provided with overshoes and umbrellas.

Students upon arrival are expected to report at the President's office. For classification they will consult the Dean.



Rooms in the dormitories will be under the careful daily inspection and supervision of the Matron of the College.

Each occupant is held responsible for the condition of his room, and is required to keep it in decent order.

Occupants are held responsible for disorders occurring in or issuing from a room, and any misappropriation, damage, or defacement of furniture or buildings beyond necessary wear and tear will be paid out of the Athletic Association Contingent Fund, unless settled by the person doing the damage as required.

Students are met at Guilford College station, on railroad leading from Greensboro to Winston-Salem, at the opening of each term, and conveyed to the College. For conveyance to and from the station, a moderate charge will be made to students, teachers, or visitors.

In order to secure safe and prompt delivery, express packages or postoffice money orders for students should be sent in care of Guilford College.

Telegraph and express offices are established at Guilford College railroad station.

The College has telephone connection with Greensboro and other points on the long distance line.

All students sustain a great loss who are not present at the opening of the term.

Applications for leave of absence, or for removal from College, should be made by the parent or guardian directly to the President. Parents who consult

the highest interest of their children will not call them out of school without some urgent reason.

While the management of the College will cordially provide for and encourage every kind of physical training, intercollegiate contests when permitted will be subject to such rules and regulations as the Advisory Board of Athletics may provide.

### *Discipline*

It is taken for granted that any student who enters the institution does so for the purpose of persistent work, and that he will render due respect to the regulations, all of which are designed to promote the general welfare of the College, and to give to each member thereof full opportunity to use the many advantages for study here offered.

Students are put upon their honor, and great pains taken to maintain with all a friendly and helpful relation. The co-operation of all is sought.

If a student shows little or no inclination to study, or fails to co-operate with the faculty in maintaining good order, or engages in practices which are harmful in their influence over others, or to the reputation of the College, his parents or guardians will be informed of the facts and unless amendment be promptly made, he will be dismissed, or his parents requested to withdraw him.

The reading of pernicious literature, the use of

intoxicating drinks, habitual indulgence in profane language, carrying pistols or other dangerous weapons, would be considered grave offenses, and treated accordingly. Gunning is not allowed.

The effect of tobacco on the minds and bodies of the young is so injurious that the College desires to take all proper means to discourage its use, and will not allow it on the grounds or around the buildings. If any students persist in using it elsewhere, their standing will thereby be lowered and so entered on their records.

### *Donations and Bequests*

Any friends of Guilford College who wish to make donations for Special or General Endowment or to leave any bequest to the Trustees of Guilford College, are invited to correspond with President Hobbs.

#### FORMS OF BEQUESTS

I give and bequeath to the Trustees of Guilford College, Guilford County, North Carolina, the sum of ..... dollars, to be applied at the discretion of its trustees for the general purposes of said College.

I give and bequeath to the Trustees of Guilford College, Guilford County, North Carolina, the sum of ..... dollars, to be safely invested by the trustees of said College and called the .....

Scholarship Fund. The interest on this fund shall be applied, at the discretion of the trustees of said College, to the aid of deserving students.

I give and bequeath to the Trustees of Guilford College, Guilford County, North Carolina, the sum of ..... dollars, to be safely invested by the trustees of said College as an endowment for the support of Professorship for ..... in said College.













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UNIVERSITY OF ILLINOIS

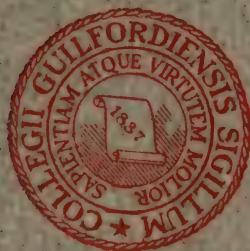
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FIFTH MONTH, 1913

No. 1

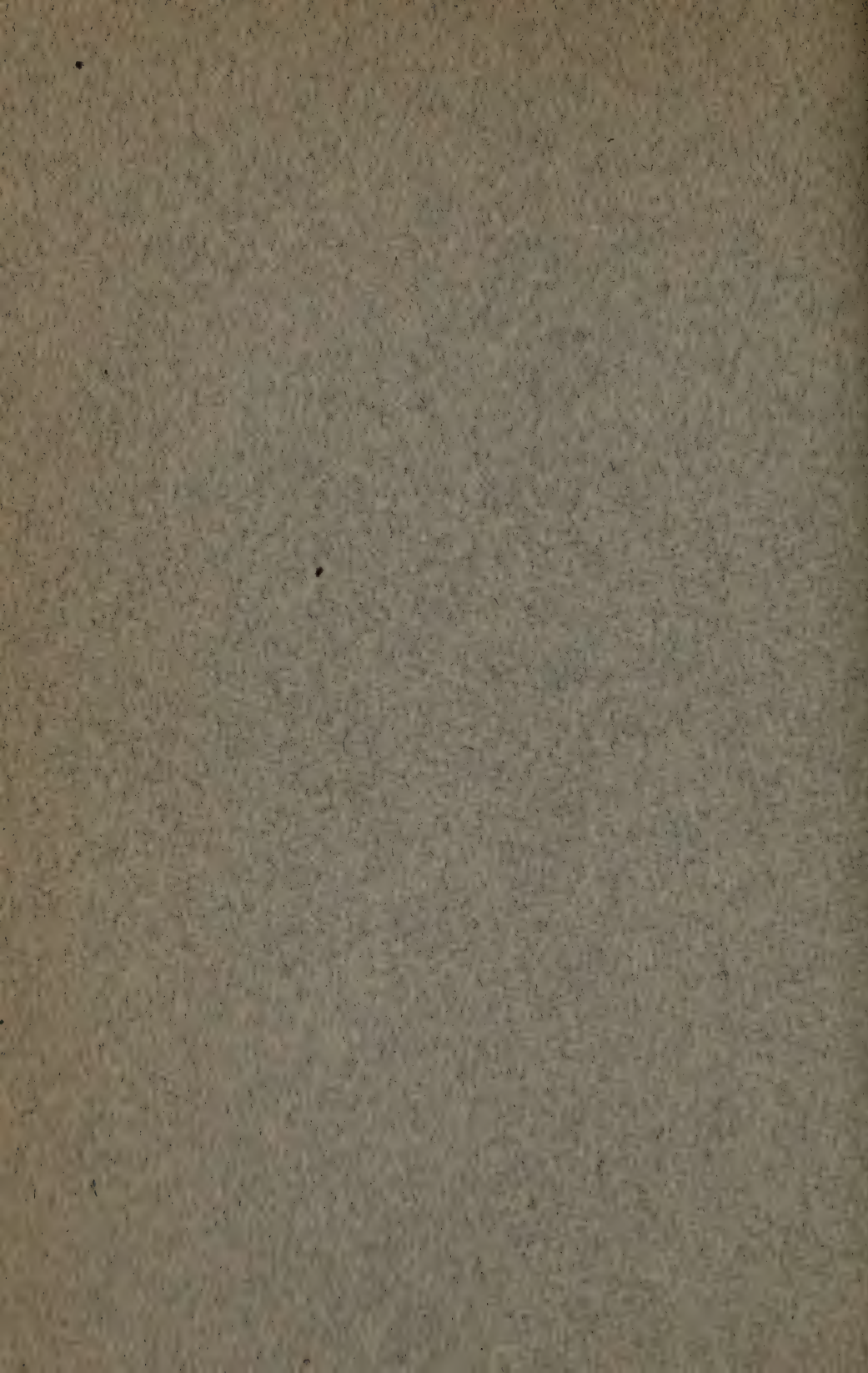
# Guilford College Bulletin



## CATALOGUE NUMBER

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# GUILFORD COLLEGE BULLETIN

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EDITORS:  
THE PRESIDENT AND A COMMITTEE OF THE FACULTY

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CATALOGUE NUMBER  
1912-1913

PUBLISHED QUARTERLY BY GUILFORD COLLEGE,  
GUILFORD COLLEGE, N. C.



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1913								1914															
JULY								JANUARY								JULY							
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13	14	15	16	17	18	19		11	12	13	14	15	16	17		12	13	14	15	16	17	18	
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14	15	16	17	18	19	20		15	16	17	18	19	20	21		13	14	15	16	17	18	19	
21	22	23	24	25	26	27		22	23	24	25	26	27	28		20	21	22	23	24	25	26	
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2	3	4	5	6	7	8		3	4	5	6	7	8	9		8	9	10	11	12	13	14	
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DECEMBER								JUNE								DECEMBER							
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7	8	9	10	11	12	13		7	8	9	10	11	12	13		6	7	8	9	10	11	12	
14	15	16	17	18	19	20		14	15	16	17	18	19	20		13	14	15	16	17	18	19	
21	22	23	24	25	26	27		21	22	23	24	25	26	27		20	21	22	23	24	25	26	
28	29	30	31	..	..	..		28	29	30	..	..	..	..		27	28	29	30	31	..	..	



## *Calendar 1913-1914*

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1913. April 18—Friday, 8 p. m.,  
Oratorical Contest—Philomathean Society.  
April 26—Saturday, 8 p. m.,  
Oratorical Contest—Henry Clay Society.  
May 3—Saturday, 8 p. m.,  
Oratorical Contest—Zatasian Society.  
May 17—Saturday, 8 p. m.,  
Oratorical Contest—Websterian Society.  
May 24—Saturday, 8 p. m.,  
Music Recital.  
May 27—Tuesday,  
Commencement Day.

### *Seventy-Seventh Academic Year*

1913. September 9—Tuesday,  
Entrance Examinations, 9 a. m., and 2 p. m.  
September 10—Wednesday, 9 a. m.,  
Fall term begins.  
November 8—Saturday,  
Midterm Examinations.  
November 27 and 28—Thursday and Friday,  
Thanksgiving Holidays.  
December 20—Saturday, 7:30 p. m.,  
Music Recital.  
December 24 to  
1914. January 5, inclusive, } Christmas Vacation.  
January 20 to 24—Tuesday to Saturday,  
Midyear Examinations.  
January 24—Saturday,  
Fall Term closes and Spring Term begins.  
March 28—Saturday,  
Midterm Examinations.  
April 13—Monday,  
Easter Holiday.  
May 30—Saturday, 8 p. m.,  
Music Recital.  
June 2—Tuesday,  
Commencement.

## *Board of Trustees*

---

* Josiah Nicholson .....	_____
E. C. Mendenhall .....	High Point, N. C.
J. Van Lindley .....	Pomona, N. C.
C. P. Frazier .....	Greensboro, N. C.
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J. Elwood Cox .....	High Point, N. C.
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Jeremiah S. Cox .....	Greensboro, N. C.
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N. C. English .....	Trinity, N. C.
Charles F. Tomlinson .....	High Point, N. C.

J. Elwood Cox, *Chairman*

David White, *Secretary*

---

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Roxie D. White .....	Guilford College, N. C.
Mary M. Petty .....	Greensboro, N. C.
Mary D. Cox .....	High Point, N. C.
Mary E. M. Davis .....	Guilford College, N. C.
Priscilla B. Hackney .....	Greensboro, N. C.
Sandia C. Lindley .....	Pomona, N. C.
Gertrude W. Mendenhall .....	Greensboro, N. C.

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\* Deceased March 30, 1913.

## *Standing Committees of the Trustees*

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*On Officers*—N. C. English, Charles F. Tomlinson, C. P. Frazier.

*On Literary Department*—C. F. Tomlinson, David White, H. A. White.

*On Boarding Department*—C. P. Frazier, Wm. H. Worth, E. C. Mendenhall.

*On Farm*—W. T. Parker, N. C. English, E. C. Mendenhall, J. Van Lindley.

*On Auditing and Finance*—J. S. Cox, David White, H. A. White.

*On Campus and Forestry*—J. Van Lindley, Wm. H. Worth, W. T. Parker.

*On Lights, Water and Heat*—H. A. White, J. S. Cox, W. T. Parker.

*Endowment Fund*—N. C. English, Chairman; J. Elwood Cox, Treasurer; J. S. Cox, C. P. Frazier, H. A. White.

*On Committee to Confer with Committee from Yearly Meeting*  
—J. S. Cox, N. C. English, C. P. Frazier.

## *FACULTY*

---

LEWIS LYNDON HOBBS, A. M., LL. D.

PSYCHOLOGY AND LOGIC

- A. B., Haverford College, 1876; A. M., Haverford College, 1883; LL. D., University of North Carolina and Haverford College, 1908. Principal New Garden Boarding School, 1878-1884; President Guilford College since 1888.

JAMES FRANKLIN DAVIS, A. M.,

GREEK AND GERMAN

- A. B., Haverford College, 1875; A. M., Haverford College, 1879; Graduate student Johns Hopkins University in German and Greek, 1877; Student in Germanic Philology, Universities Leipzig and Strasburg, 1879-1880; Assistant Professor Haverford College, 1877-1879; Professor of Greek and German Languages, Guilford College, since 1888.

H. LOUISA OSBORNE, A. B.,

LATIN AND MATHEMATICS

- A. B., Earlham College, 1887; Student State Normal of Indiana, 1887-1888; Student Chautauqua, New York, Summers, 1888-1895, 1902-1904, 1909; Teacher Vermillion Academy, Ill., and Bloomingdale Academy, Ind., 1888-1892; Assistant in Latin and Mathematics, Guilford College, since 1892.

GEORGE WILSON WHITE, A. B.,

MATHEMATICS

- A. B., Haverford College, 1878; Principal Sunbury Academy, N. C., 1878-1880; Principal Belvidere Academy, 1880-1883; Principal New London High School, Ind., 1883-1884; Principal Central Academy, Ind., 1885-1892; Professor of Mathematics, Guilford College, since 1893.



## RAYMOND BINFORD, S. M., PH. D.,

## BIOLOGY AND GEOLOGY

B. S., Earlham College, 1901; S. M., University of Chicago, 1906; Fellow in Johns Hopkins University, 1911-1912; Ph. D., Johns Hopkins University, 1912; Scientific Assistant at United States Fisheries Laboratory, Beaufort, N. C., Summers, 1908-1911; Instructor in Invertebrate Zoology, Marine Biological Laboratory, Woods Hole, Mass., Summer, 1912; Professor of Biology and Geology, Guilford College, since 1901.

## CLEMENT ORESTES MEREDITH, A. B., PH. D.,

## LATIN

A. B., Guilford College, 1900; A. B., Haverford College, 1901; Chautauqua, New York, Summer, 1901; Principal Guilford Graded School, North Carolina, 1901-1902; Professor of Latin, Guilford College, 1902-1906; Scholar in Latin, Greek, and French, Johns Hopkins University, 1906-1908; Professor of Latin, Guilford College, 1908-1909; Student of Classical Philology in University of Berlin, 1909-1910; American School at Rome, Spring, 1910; Ph. D., Johns Hopkins University, 1912; Professor of Latin, Guilford College, since 1902.

## DUDLEY DEWITT CARROLL, A. B.,

## HISTORY AND ECONOMICS

A. B., Guilford College, 1907; A. B., Haverford, 1908; Principal Mountain View Institute, 1908-1909; Graduate Student in Columbia University, Summers, 1910-1912; History and Economics, Guilford College, since 1909.

## ALLAN WILSON HOBBS, A. B.,

## MATHEMATICS 1913-1914

A. B., Guilford College, 1907; A. B. Haverford College, 1908; Graduate Student Columbia University, Summer, 1909; Graduate Student University of Chicago, Summer Quarter, 1910; Physical Director and Assistant in Mathematics, Guilford College, 1909-1911; Scholar in Mathematics and Physics, Johns Hopkins University, 1911-1913.

## MARIAN BRIGHAM RUSTEDT, PH. B.,

## FRENCH AND ASSISTANT IN HISTORY

Ph. B., University of Vermont, 1898; Student in Latin, Harvard Summer School, 1906; Student in French, Institut Feller, Grande Ligne, Quebec, 1906-1907; Student in French, Paris, France, Summer, 1910; Teacher of Language in Vermont, New York and Massachusetts; French and Assistant in History, Guilford College, since 1910.

ALPHEUS DIXI CROSBY, A. B.,

ENGLISH

A. B., Dartmouth College, 1910; Instructor in English, French and Mathematics, Poughkeepsie High School, New York, 1910-1911; Professor of English Literature, Guilford College, since 1911.

ALFRED ALEXANDER DIXON, A. M.,

PHYSICS

B. S., Guilford College, 1909; A. M., Haverford College, 1911; Assistant in Physics Laboratory at Haverford College, 1909-1911; Physics and Assistant in Mathematics, Guilford College, since 1911.

JOHN STEELE DOWNING, A. M.,

CHEMISTRY

B. S., Haverford College, 1911; Assistant in Chemistry, *ibid.*, 1911-1912; A. M., *ibid.*, 1912; Professor of Chemistry, Guilford College, 1912-1913.

JOSEPH H. PEELE, B. S.,

ASSISTANT IN ENGLISH

\* BERNICE VIVIAN CRAIG,

MUSIC

Graduate of the Depauw University School of Music, Indiana, 1907; Graduate of Sherwood Music School, Chicago, 1908; in charge of the Department of Music of the University of Chattanooga, Athens, and Chattanooga, Tenn., 1908-1909; New England Conservatory, Summer, 1910; Piano, Guilford College, since 1909.

BLANCHE DAWSON,

VOCAL MUSIC

RACHEL E. FARLOW,

DOMESTIC SCIENCE

CHARLES GLENN DOAK,

PHYSICAL DIRECTOR

---

\* On leave of absence 1913-1914.

*Officers*

---

LEWIS LYNDON HOBBS, A. M., LL. D.,  
PRESIDENT

DUDLEY DEWITT CARROLL, A. B.,  
DEAN

GEORGE W. WHITE, A. B.,  
TREASURER

JULIA S. WHITE, B. S.,  
LIBRARIAN

SARAH E. BENBOW,  
MATRON

MAUD L. GAINES,  
SECRETARY TO THE PRESIDENT

## *Committees of the Faculty*

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The President is a member, ex-officio, of all committees.

### BULLETIN

A. D. Crosby, C. O. Meredith, Raymond Binford,  
Marian Rustedt

### THESES AND ORATIONS

D. D. Carroll, A. D. Crosby, Geo. W. White, J. F. Davis,  
J. S. Downing

### COURSES OF STUDY

Geo. W. White, Raymond Binford, Marian B. Rustedt, Louisa  
Osborne, C. O. Meredith, Bernice Craig, J. S. Downing

### LIBRARY

Julia S. White, J. F. Davis, A. A. Dixon, A. D. Crosby,  
D. D. Carroll

### SCHOLARSHIPS AND HONORS

Marian B. Rustedt, Louisa Osborne, C. O. Meredith

### LECTURES AND DEBATES

D. D. Carroll, Raymond Binford, Louisa Osborne, A. A. Dixon

### CATALOGUE

C. O. Meredith, D. D. Carroll, Geo. W. White, Marian B.  
Rustedt, Raymond Binford



INTERSCHOLASTIC CONTESTS

D. D. Carroll, C. O. Meredith, A. A. Dixon

RELIGIOUS MEETINGS

J. H. Peele, Geo. W. White, Sarah E. Benbow,  
Raymond Binford

SOCIAL

Louisa Osborne, Marian Rustedt, D. D. Carroll,  
Sarah E. Benbow

ATHLETIC

A. A. Dixon, C. O. Meredith, D. D. Carroll

PRESS

A. D. Crosby, D. D. Carroll, Julia S. White

DISCIPLINE

D. D. Carroll, A. D. Crosby, J. S. Downing, Louisa Osborne,  
A. A. Dixon

## *STUDENTS*

---

### GRADUATE

Peele, Margaret Edith ..... Guilford, N. C.

### SENIORS

Beaman, Tey Gladys ..... Troy, N. C.  
 Chappell, John Thomas ..... Belvidere, N. C.  
 Chappell, Leora Alice ..... Belvidere, N. C.  
 Davis, Anna Laura ..... Guilford College, N. C.  
 Davis, Clara Louise ..... Edgar, N. C.  
 Dees, George Columbus ..... Grantsboro, N. C.  
 Frei, Mary Arilla ..... Archer, Fla.  
 Futrell, Kinnie Thayer ..... Greensboro, N. C.  
 Gilchrist, William Graham ..... Laurinburg, N. C.  
 Hartman, George Alexander ..... Farmington, N. C.  
 Helms, Frances Virginia ..... Unionville, N. C.  
 Hughes, Grace ..... Tampa, Fla.  
 Jackson, Henry Crawford ..... Guilford, N. C.  
 Kennett, Paul Strayer ..... Stokesdale, N. C.  
 King, Annabella ..... High Point, N. C.  
 Lasley, Nancy Era ..... Guilford College, N. C.  
 Marley, Eugene Harris ..... Ramseur, N. C.  
 Mendenhall, Mary ..... High Point, N. C.  
 Nance, Callie Irene ..... Troy, N. C.  
 Richardson, Baxter Key ..... Glenwood, N. C.  
 Short, George Asa ..... Greensboro, N. C.  
 Smith, Bryant ..... Guilford College, N. C.  
 Stewart, Hugh Archibald, Jr. ..... Laurinburg, N. C.  
 White, Ulysses Grant ..... Germanton, N. C.  
 Young, Ella Davis ..... Purcellville, Va.

## JUNIORS

Allen, Katherine Rogers .....	Camden, N. J.
Barber, John Wade .....	Pittsboro, N. C.
Benbow, Charles Frank .....	East Bend, N. C.
Carroll, Hardy Abram .....	Mizpah, N. C.
Coble, Irma Kathleen .....	Liberty, N. C.
Crutchfield, Mary Alma .....	Guilford, N. C.
Doughton, Martha Rebecca .....	Guilford College, N. C.
East, Helen Clare .....	Eastport, L. I., N. Y.
Finch, Alfred Brown .....	Trinity, N. C.
Fox, Mary Willard .....	Guilford College, N. C.
Futrell, Maude Blanche .....	Greensboro, N. C.
Henley, David Elias .....	Guilford College, N. C.
Johnson, Harris Guthrie .....	Riley's Store, N. C.
Körner, Estelle Gertrude .....	Kernersville, N. C.
Lewis, Eileen .....	Ivor, Va.
Lindley, Silas Jerome .....	Snow Camp, N. C.
McBane, Edgar Holt .....	Snow Camp, N. C.
Nelson, Samuel Snow .....	Edgar, N. C.
Pearson, Earl Whittier .....	Dudley, N. C.
Perry, Matthew White .....	Durants Neck, N. C.
Phoenix, Rebecca Christina .....	Greensboro, N. C.
Pike, Cathline Marian .....	Liberty, N. C.
Shore, Ernest Grady .....	East Bend, N. C.
Smith, Frances Roberta .....	Jamestown, N. C.
Smith, Sarah Olive .....	Yorkville, S. C.
Strupe, Walter Thomas .....	Bethania, N. C.
Webster, William Dampier .....	Haw River, N. C.
White, Mary E. Mendenhall .....	Guilford College, N. C.
White, William Alpheus, Jr. ....	Guilford College, N. C.
Worth, Clara Louise .....	Guilford College, N. C.
Younts, Pearle Annie .....	Guilford College, N. C.

## SOPHOMORES

Brown, Joseph Robert .....	Woodland, N. C.
Culler, Maude Lee .....	Rock Creek, N. C.
Dawson, Pearle Ulela .....	Guilford College, N. C.
Doan, Mary .....	Amo, Ind.

**SOPHOMORES—Continued**

Dorsett, Kathryn Ella .....	Farmer, N. C.
Edgerton, Mabel Arlene .....	Goldsboro, N. C.
Fike, Isaac Stone .....	Pittsboro, N. C.
Fox, Eleanor Louise .....	Guilford College, N. C.
Henley, Frank Russell .....	Guilford College, N. C.
Henley, Fred Murdock .....	Gibsonville, N. C.
Highfill, Gladys May .....	Liberty, N. C.
Horney, Conrad Clinard .....	Farmer, N. C.
Knight, Louetta Ellen .....	Guilford College, N. C.
Lassiter, Alma .....	Mechanic, N. C.
McVey, Annie Caroline .....	Snow Camp, N. C.
Marshall, Christina .....	Mount Airy, N. C.
Millikan, Roy Cecil .....	Greensboro, N. C.
Mitchell, Roy Colonel .....	Mount Airy, N. C.
Nunn, Paul Schoolfield .....	Guilford, N. C.
Patterson, Cleta .....	Burlington, N. C.
Raiford, Girley Emerson .....	Ivor, Va.
Wood, Joseph Densmore .....	Tamworth, N. H.

**FRESHMEN**

Ballinger, Julia Adeline .....	Greensboro, N. C.
Blaylock, Frederick Royster .....	Guilford, N. C.
Carroll, Edwin Blaine .....	Mizpah, N. C.
Coble, Josephine Vestal .....	Liberty, N. C.
Coggins, Willis Lester .....	Guilford College, N. C.
Cotten, Howard Lea .....	Guilford College, N. C.
Davis, Earl Whittier .....	Genoa, N. C.
Davis, Laura Etta .....	Progress, N. C.
Dawson, Maude Sedalia .....	Guilford College, N. C.
Dix, Burtie Ellen .....	Westfield, N. C.
Doggett, William Osborne .....	Brown Summit, N. C.
Gossett, George Walton .....	Graham, N. C.
Garner, Jesse Philip .....	Farmer, N. C.
Guthrie, Bessie Ava .....	Snow Camp, N. C.
Holliday, Maggie Irma .....	Snow Camp, N. C.
Kearns, Henry Clay, Jr. ....	High Point, N. C.
Lamb, Annie Ruth .....	Guilford College, N. C.



**FRESHMEN—Continued**

Lambeth, Charles Tilley .....	Guilford College, N. C.
Lassiter, Floy Catherine .....	Julian, N. C.
Laughlin, Beulah May .....	Asheboro, N. C.
Long, James Monroe .....	Milton, N. C.
Long, William Taylor .....	Milton, N. C.
McBane, Elwood Perisho .....	Snow Camp, N. C.
Mitchell, Colonel Robert .....	Guilford College, N. C.
Moore, Ezra Alexander .....	Goldsboro, N. C.
Morris, Fred .....	Summerfield, N. C.
Murray, Beulah .....	Rock Creek, N. C.
Nelson, William Hoskins .....	Guilford College, N. C.
Newlin, Rhesa Lancaster .....	Saxapahaw, N. C.
Perry, Thomas Gray .....	Wilkesboro, N. C.
Reece, Ila .....	Liberty, N. C.
Riddick, Archibald Lockhart .....	Belvidere, N. C.
Semans, Thomas Breckenridge .....	Uniontown, Pa.
Smith, Kate Brittain .....	Guilford College, N. C.
Stanley, Jesse Betts .....	Guilford College, N. C.
Stewart, Carl Watson .....	Trenton, Tenn.
Stuart, Dorothy .....	Snow Camp, N. C.
Stuart, Lyndon Everett .....	Snow Camp, N. C.
Thompson, Redding Aycock .....	Aurora, N. C.
Thompson, Wilbur Lafayette .....	Snow Camp, N. C.
Troxler, Jennie Elizabeth .....	Brown Summit, N. C.
Tuthill, Marguerite Theresa .....	Eastport, L. I., N. Y.
Ulrich, Mamie Van DeVenter .....	North Wilkesboro, N. C.
Ward, Cletus Milo .....	Guilford College, N. C.
White, Exum Newby .....	Franklin, Va.
Worsham, Cecil Wilbur .....	Ruffin, N. C.
Worth, Phoebe Gertrude .....	Guilford College, N. C.
Yates, Caroline Ballinger .....	Guilford, N. C.
Yates, James Fuller .....	Guilford, N. C.
York, Arthur Cecil .....	Ramseur, N. C.

**IRREGULAR**

Beall, Robert .....	Greensboro, N. C.
Cecil, Carl Myron .....	High Point, N. C.

## IRREGULAR—Continued

Edwards, Robert Lee .....	Guilford, N. C.
Hodgin, Waldeen .....	Guilford College, N. C.
Short, Troy Rodolphus .....	Greensboro, N. C.
Smith, Henry Clyde .....	Guilford College, N. C.
Wood, James Russell .....	Rocky Mount, N. C.

## PREPARATORY

Angel, Charles Wright .....	Stokesdale, N. C.
Angel, Enie .....	Stokesdale, N. C.
Ballinger, Webb .....	Guilford College, N. C.
Beeson, Henry Carl .....	Randleman, N. C.
Beeson, John Henry .....	Randleman, N. C.
Beeson, William Franklin .....	Randleman, N. C.
Bell, Vance Reece .....	Troy, N. C.
Benbow, Frank Yokeley .....	Wilkesboro, N. C.
Blue, Benjamin Malcolm .....	Raeford, N. C.
Braxton, Sallie .....	Snow Camp, N. C.
Brogden, Mordecai .....	Genoa, N. C.
Budd, Harrell .....	Siler City, N. C.
Bulla, John Arthur .....	Sophia, N. C.
Bulla, Robert .....	Sophia, N. C.
Bulla, William Oscar .....	Sophia, N. C.
Blanchard, Marguerite Cora .....	Woodland, N. C.
Blanchard, Selvin .....	Aulander, N. C.
Cecil, Jessie Elizabeth .....	High Point, N. C.
Chance, Robert Bailey, Jr. ....	Reidsville, N. C.
Coggins, Hettie Beatrice .....	Guilford College, N. C.
Cox, Henry Pinkney .....	Goldsboro, N. C.
Cranford, Grady .....	Bombay, N. C.
Creel, Joseph .....	Dunn, N. C.
Critz, Robert, Jr. ....	Winston-Salem, N. C.
Cude, Sallie Gertrude .....	Colfax, N. C.
Daniels, Mary .....	Goldsboro, N. C.
Dawson, Mabel Gertrude .....	Guilford College, N. C.
Deans, Orabella .....	Pikeville, N. C.
Doughton, Joseph Edward .....	Guilford College, N. C.
Farlow, Beatrice Beulah .....	Randleman, N. C.

## PREPARATORY—Continued

Farlow, John Bright .....	Sophia, N. C.
Farlow, Percy Mark .....	Randleman, N. C.
Foust, Lillie May .....	Graham, N. C.
Frazier, Jeremiah Ruffin .....	Guilford College, N. C.
Futrell, William Reed .....	Greensboro, N. C.
Geslain, Martha Marguerite .....	Tientsin, China
Gorrell, Willard Ruffin .....	Greensboro, N. C.
Gray, Curtis Jehu .....	Colfax, N. C.
Hall, Exum Egbert .....	Wilson Mills, N. C.
Hedgepeth, Essie .....	Battleboro, N. C.
Henley, Marvin Jay .....	Guilford College, N. C.
Hester, Clinton Siewers .....	Greensboro, N. C.
Hodgin, Esther Bernice .....	Sabetha, Kan.
Hodgin, Margaret Ruth .....	Sabetha, Kan.
Hodgin, Willard Scott .....	Randleman, N. C.
Hudson, Earslie Beulah .....	Julian, N. C.
Hyatt, Sallie Texanna .....	Canton, N. C.
Isley, Maud .....	Burlington, N. C.
Jackson, David Houghton .....	Guilford, N. C.
Kendall, Thomas .....	Guilford, N. C.
Kitching, Josephine Sarah .....	Stuart, Fla.
Knight, James Samuel .....	Stokesdale, N. C.
Lamb, Ernest Eugene .....	Guilford College, N. C.
Lindley, Annie Lois .....	Guilford College, N. C.
Lindley, Benjamin .....	Guilford College, N. C.
Long, Earle .....	Milton, N. C.
Mitchell, James Warren .....	Guilford College, N. C.
Mobley, Mildred Larence .....	Winston-Salem, N. C.
Mock, Henry Bascom .....	Pfafftown, N. C.
Moorefield, George Henry .....	Guilford College, N. C.
Moorefield, Lula Roberta .....	Guilford College, N. C.
Mendenhall, Fowell Hill .....	High Point, N. C.
McLean, Hester Raymond .....	Raeford, N. C.
Nance, Ethel May .....	Troy, N. C.
Neece, Rufus Talmage .....	Climax, N. C.
Nichols, William .....	Roxboro, N. C.
Norwood, John Thomas .....	Raleigh, N. C.
Parks, Haywood William .....	Franklinville, N. C.

## PREPARATORY—Continued

Pate, Lloyd .....	Goldsboro, N. C.
Payne, Nannie Eugenia .....	Westfield, N. C.
Penry, Byron Armfield .....	Winston-Salem, N. C.
Peoples, Junius Nathaniel .....	Bynum, N. C.
Perry, Henry Clay .....	Snow Camp, N. C.
Pleasants, Ruby Ethel .....	Guilford, N. C.
Poole, Mary Callie .....	Asheboro, N. C.
Price, Thomas Ashby, Jr. ....	Miami, Fla.
Raper, William Emery .....	Lexington, N. C.
Reynolds, Mattie Estelle .....	Climax, N. C.
Robinson, Flossie Elva .....	Summerfield, N. C.
Russell, Reed Montgomery .....	Blaine, N. C.
Sampson, Edwin James .....	Guilford, N. C.
Seaford, Willie Matoaka .....	Granite Quarry, N. C.
Sharpe, Robert Norman .....	Greensboro, N. C.
Simmons, Lillian Marguerite .....	Brim, N. C.
Smith, Chellie Lee .....	Guilford College, N. C.
Smith, Rockwell William .....	Reidsville, N. C.
Smith, William Alexander, Jr. ....	Mangum, N. C.
Stout, Jennie Ethel .....	Julian, N. C.
Stuart, Lawrence .....	Guilford College, N. C.
Stuart, Luther Lane .....	Guilford College, N. C.
Stuart, Pauline Efland .....	Guilford College, N. C.
Swan, Hugh Guion .....	Bayboro, N. C.
Taylor, Grace Pemberton .....	Danbury, N. C.
Taylor, Paul Tolbert .....	Danbury, N. C.
Thomas, Giles Daniel .....	Lexington, N. C.
Thompson, Lola .....	Aurora, N. C.
Troxler, Lula Sallie .....	Brown Summit, N. C.
Voss, Girtha Gorrell .....	Kernersville, N. C.
Vuncannon, Annie Eunice .....	Asheboro, N. C.
Walters, Elizabeth Swain .....	Greensboro, N. C.
Watkins, Benjamin Alfred .....	Wadeville, N. C.
Watkins, Catherine Elmira .....	Wadeville, N. C.
Weatherly, Earl .....	Greensboro, N. C.
West, Thagard .....	Greensboro, N. C.
Winborne, George Baron .....	Wilson, N. C.
Zachary, Ruth Eleanor .....	Snow Camp, N. C.



## MUSIC

Blackburn, Mildred Hill .....	Guilford College, N. C.
Chappell, John Thomas .....	Belvidere, N. C.
Chappell, Leora Alice .....	Belvidere, N. C.
Coble, Josephine Vestal .....	Liberty, N. C.
Coggins, Hettie Beatrice .....	Guilford College, N. C.
Coggins, Lois .....	Guilford College, N. C.
Crutchfield, Eugenia Hattie .....	Guilford, N. C.
Cude, Sallie Gertrude .....	Colfax, N. C.
Dix, Burtie Ellen .....	Westfield, N. C.
Doughton, Martha Rebecca .....	Guilford College, N. C.
East, Helen Clare .....	Eastport, L. I.
Edgerton, Mabel Arlene .....	Goldsboro, N. C.
Farlow, Beatrice Beulah .....	Randleman, N. C.
Foust, Lillie May .....	Graham, N. C.
Fox, Bertha Browning .....	Guilford College, N. C.
Fox, Eleanor Louise .....	Guilford College, N. C.
Frazier, Gracett .....	Guilford College, N. C.
Frei, Mary Arilla .....	Archer, Fla.
Geslain, Martha Marguerite .....	Tientsin, China.
Guthrie, Bessie Ava .....	Snow Camp, N. C.
Henley, Annie Maie .....	Guilford College, N. C.
Henley, David Elias .....	Guilford College, N. C.
Henley, Frank Russell .....	Guilford College, N. C.
Hinshaw, Amanda .....	Climax, N. C.
Hodgin, Waldeen .....	Guilford College, N. C.
Hudson, Earslie Beulah .....	Julian, N. C.
Hughes, Grace .....	Tampa, Fla.
Kearns, Henry Clay, Jr. ....	High Point, N. C.
King, Annabella .....	High Point, N. C.
Kitching, Josephine Sarah .....	Stuart, Fla.
Körner, Estelle Gertrude .....	Kernersville, N. C.
Lindley, Annie Lois .....	Guilford College, N. C.
Lindley, Ruth .....	Guilford College, N. C.
McCracken, Clara Annie .....	Guilford College, N. C.
Mobley, Mildred Larence .....	Winston-Salem, N. C.
Moorefield, Lula Roberta .....	Guilford College, N. C.

Murray, Beulah .....	Rock Creek, N. C.
Nance, Callie Irene .....	Troy, N. C.
Nance, Ethel May .....	Troy, N. C.
Patterson, Cleta .....	Burlington, N. C.
Payne, Nannie Eugenia .....	Westfield, N. C.
Phoenix, Rebecca Christina .....	Greensboro, N. C.
Pleasants, Ruby Ethel .....	Guilford, N. C.
Poole, Mary Callie .....	Asheboro, N. C.
Raiford, Girley Emerson .....	Ivor, Va.
Robertson, Mabelle .....	Guilford College, N. C.
Seaford, Willie Matoaka .....	Granite Quarry, N. C.
Simmons, Lillian Marguerite .....	Brim, N. C.
Smith, Frances Roberta .....	Jamestown, N. C.
Smith, Kate Brittain .....	Guilford College, N. C.
Stuart, Pauline Efland .....	Guilford College, N. C.
Taylor, Grace Pemberton .....	Danbury, N. C.
Thompson, Lola .....	Aurora, N. C.
Tuthill, Marguerite Theresa .....	Eastport, L. I.
Watkins, Catherine Elmira .....	Wadeville, N. C.
Wood, James Russell .....	Rocky Mount, N. C.

# GUILFORD COLLEGE

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## *History*

The Society of Friends was among the earliest religious bodies to organize a church in North Carolina. Their church records embrace a period of two hundred and fourteen years. In 1696-1698, John Archdale, an English Friend, was Governor of the Colony of North Carolina and South Carolina. George Fox, the founder of the Society of Friends, spent some time in North Carolina in 1672, and was received with great favor by the colonial officials.

The appeal which the Friends made to each individual in meetings for worship and in all church responsibility naturally called for an educated membership—a true democracy. Accordingly we find among the Friends of our state early discussions of educational needs; and a concern arose in the Yearly Meeting in 1833 for better schools. The eloquent Jeremiah Hubbard pleaded for this cause, and Nathan Hunt, of sacred memory, took the subject under his protecting care. His appeals in behalf of a central school aroused the interest of many Friends in other states, and notably of George Howland of New Bedford, Mass. The decision was reached to found a

boarding school of high grade to meet the needs of the young people. As a result the present Founders Hall was erected, a substantial, two-story brick building, offering accommodations to both boys and girls.

The founders of the school were careful to select a central locality, and a place well reputed for healthfulness of climate and as free as possible from immoral influences or distractions of any kind. They chose a farm six and a half miles west of Greensboro, in a community of progressive, intelligent people. The school was opened on the first day of August, 1837, there being present the first term fifty students—twenty-five boys and twenty-five girls; and it has been operated from that day forward with no interruption, even in the Civil War.

Scarcely any one who knew New Garden Boarding School thirty or forty years ago and  
**FARM AND** who has not recently visited the old  
**CAMPUS** foundation made new by buildings  
and improved farm and campus, could picture the  
changed condition.

When twenty-eight years ago David Petty, of Archdale, N. C., took charge of the farm, there was little to induce one to expect in the future such results as recent years have shown. Mr. Petty was a farmer ahead of his time, and believed the red lands of Guilford could be improved by deep plowing and frequent cultivation. He inaugurated a system of land cul-



ture which immediately began to bear fruit. He dug up stumps, built the first silo in this part of the country, and began improvement on the land to the east of Founders Hall, which up to that time was almost worthless. Now one may see the five-acre field in alfalfa.

The dairy was developed under his management, and the dairy products became an important part of table supply and have remained so ever since. The herd of Jersey cattle thus gathered together have helped to enrich the soil, and the enriched soil has added to the crops of hay and corn. The present prospect is toward the stocking of a large part of the farm in grass which will not only yield feed for cattle, but will prevent loss of soil by washing rains, and combine more pleasingly with the campus and thus add to the general appearance of the location.

The aim now is to unify all the resources of the College and turn them to the greatest educational effect. Good farming is a product of better education; and the resources of our state in an agricultural way are to a large extent dormant, awaiting intelligence and energy to bring forth all the supplies needed by our people for consumption, and thus to be the means of vast wealth. Better farming will follow better education and more wealth will ensue, and in turn add more means to education which will begin another circle of improvement and service.

In 1887, the demand for larger accommodations and a more extensive course of studies led REORGANIZATION to the organization of the institution into Guilford College, and a charter was obtained with authority to confer degrees. Previous to this time Founders Hall had been enlarged and remodeled and fitted for a girls' dormitory. To provide for a boys' dormitory and for class rooms and other academic requirements, the large Yearly Meeting house, erected a few years before, was donated by the Yearly Meeting to the school, and converted into a school building, with lodging rooms for young men on the second floor. This improvised building was destroyed by fire in 1885, and a new academic building was erected on the same foundation, and, in honor of Francis T. King of Baltimore, was named King Hall.

Archdale Hall was built at the same time as a dormitory for young men, and named in memory of the Quaker Governor, John Archdale.

The College began its course in the fall of 1888. During the fifty-one years of the school's existence, many distinguished scholars were engaged in teaching and there was early laid a foundation broad enough and deep enough to prevent in subsequent years any superficial display of pretentiousness, reliance being placed upon the power of inspiring students with the love of truth in the various fields of scholarship.

In this period efforts were made to secure endowment, increase the library and equip laboratories, and found a Museum of Natural History. From time to time additions were made to the permanent funds, English and Philadelphia Friends having supplied an amount equal to ten thousand dollars, now known as the Philadelphia Fund. Many contributions were given from year to year to lessen expenses of students. After the change to Guilford College funds were solicited for buildings and for the increase of endowment.

In 1891 the Y. M. C. A. of the College made appeals for funds to build a hall, and the result was the erection of the present building.

**Y. M. C. A.  
HALL**

In 1897 Benjamin N. and James B. Duke, who were educated at the school, gave ten thousand dollars with which to erect a hall that would accommodate the Natural Science departments and also furnish an auditorium. The building was erected in the year stated, and named Memorial Hall in memory of their sister, Mary Elizabeth Lyon.

**MEMORIAL  
HALL**

New Garden Hall was erected during the summer and fall of 1907, and was built by the Girls' Aid Committee of North Carolina Yearly Meeting to meet the needs of girls who desire an education and who are

**NEW GARDEN  
HALL**



willing to help themselves by lessening the expense of living. New Garden Hall has every convenience of a modern home—steam heat, well furnished rooms, large dining-room and well equipped kitchen. By doing their own work in caring for their rooms and in cooking by turns, the girls in this building live in much comfort and at a comparatively small expense. There are twenty-five rooms that will accommodate fifty girls. Besides, there are two rooms—one for a nursery and one for a nurse—and living rooms for a matron and a reception room, all well furnished, supplied with water and lighted by electricity.

In 1908 King Hall was destroyed by fire. This led to the erection of two new buildings—the Library and the rear of what is intended to be a commodious academic building.

The Library building is one of the most attractive of the College group. It is strictly

**LIBRARY** modern in all its appointments, with a fire-proof stack room furnished with steel shelving. In addition to this there is a large vault in which are stored the valuable manuscripts of North Carolina Quaker annals.

The reading room is large, airy and well lighted—an ideal place for study. This room is furnished in light quartered oak—reference shelving, tables, periodical racks, desk and chairs all harmonizing with the oak finish of the building. The friezes and busts



recently purchased add much to the artistic effect of the interior.

There are nearly five thousand volumes in the Library, all of which, except about one thousand saved from the fire of January, 1908, have either been purchased or donated since the above named date. The primary object in the selection of books has been use, and, consequently, our facilities for reference work and supplementary reading are especially worthy of comment.

The Library is open daily to students and persons connected with the College. The subscription list not only includes many of our state dailies, but also a goodly number of the best magazines in general literature, as well as those representing special departments of school work. A few foreign publications are also on the list. The Library is well fitted to be what every library should be—the workshop of the College, the center of the intellectual life of the student body.

The rear extension of the proposed new King Hall contains space for eight class rooms  
**KING HALL** and a physics laboratory, and has in the basement the heating plant from which both this building and the Library are heated.

Cox Hall, a dormitory erected last summer, furnishes rooms—four in a group—for fifty-  
**COX HALL** four young men. The arrangement of this building is ideal, and the

accommodations are strictly up-to-date, each room being supplied with running water, both hot and cold.

The new church—the Yearly Meeting house which was constructed in 1912 on the campus, located opposite the Y. M. C. A. Hall, is used for the regular public religious meetings for the community and the College.

#### **CHURCH**

There is also a large gymnasium among the group of buildings, 50 x 76 feet, with gallery. It is supplied with apparatus and is much used for athletic training.

#### **GYMNASIUM**

These ten buildings, planned and equipped with much care and expense, provide excellent means for conducting the work of the College; and attention is called to them as an indication of the growth of the College, as well as its promise of a continuance of solid educational work.

For young men we have three dormitories, and also the cottages for those who desire to lessen living expenses; and for girls, Founders Hall and New Garden. Founders has recently been renewed entirely except the walls and roof and made a comfortable, up-to-date home for young women, the expense for which, including heat, has been nearly as great as would be required to erect a new building. New Garden was well planned from the start, and combines many

attractive features as well as the conveniences of a modern dormitory.

For academic work, we have Memorial Hall, containing two laboratories—the chemical and biological—the Museum of Natural History, auditorium, music rooms, two class rooms and the president's office, and the two buildings, the Library and King Hall, which afford good facilities for instruction and study.

To any one who will take time to think about it, the large outlay here represented will reveal a fine equipment for doing good work in the field of education; and these buildings will also show a remarkable expansion and a corresponding improvement made at Guilford College in recent years.

One should also take into consideration the location of these buildings, the large farm owned by the College and the athletic fields, especially the recent work done on the baseball ground, the making of a running track and the leveling of the inclosed circle to be used as a baseball field; and also the work done during the summer for the girls' athletic grounds in the way of leveling and terracing their field west of New Garden Hall. Much more work is to be done in laying out tennis courts for the girls and in leveling the grounds and putting the same in grass, especially the terracing.

The farm has been conducted with a view to supply the boarding department with milk and butter, and the dairy has in this way served a very useful pur-



pose. The improvement of the soil has gone on from year to year. The electric plant and system of water supply give the place the conveniences of a city with the advantages of quiet surroundings conducive to study and simplicity of living.

These various and excellent arrangements have been made possible by the generosity and helpfulness of a large circle of friends of Guilford College, and everything has been done with a view to giving young people, young women as well as young men, a healthful and stimulating place at which to spend a few years in substantial educational work and training.

These material equipments represent a pretty large outlay of money and thought, and show that the management has in mind the development and maintenance of an education center that shall stand for all that is best in physical, intellectual and moral training. These buildings and their furnishings are intended to be a solid basis for genuine and thorough educational work, and to show to students and to the public that those who are most vitally responsible for the outcome and general effect of Guilford believe nothing is too good or too expensive that is to go into the moulding of the minds and characters of the young people of our country; that these people deserve the best possible opportunity to become all they are capable of becoming for their own sakes and for the sake of all those whose lives they will in any way affect.



The location of the College, in the Piedmont Section of the State, one thousand feet above sea, may be considered a part of the material equipment. The supply of pure water from a well 364 feet deep is a means of promoting good sanitary conditions, for nothing is more important in the production of strength of body, of mind and of character than environment. The air we breathe, the water we drink, and the food we consume and the total outlay of energy, thought and money should be so co-ordinated as to exert the greatest possible beneficial effect upon the body of young people whose immediate and future interests are at stake.

Every one needs a comfortable and safe place to live, a place in which the very atmosphere, figuratively speaking, will call the mind to the true and the beautiful and the good, and thus tend, in a very powerful way, to bodily and mental vigor, and to that ideal of religious activity in which one by losing one's life shall find it.

The encouragement to make still greater provision for the future which has been received  
**ENDOWMENT** from a wide circle of friends and philanthropists, has led to more earnest efforts to increase the efficiency of the College by adding to the permanent funds. From an early period the school has had assistance in a financial way; but in more recent years the donations to the endowment have been greatly augmented.

In 1905, an appeal was made to Andrew Carnegie and he responded by giving \$45,000 to be used as a permanent fund. The same year Dr. D. K. Pearsons gave to the College \$25,000 as an endowment to stand for the memory of his friend, Dr. Oliver Woodson Nixon, of Chicago, who was a native of Guilford County, North Carolina. The same year, also, Benjamin N. and James B. Duke gave \$15,000 to the endowment, making their total donations to Guilford \$25,000. Among the benefactors is Samuel Hill who gave \$5,000 in memory of his father, Nathan B. Hill, and \$6,000 subsequently for improvements in buildings and grounds. Dr. Alfred H. Lindley, of Minneapolis, created a fund of \$5,000 to the memory of his daughter, Ella Lindley. In 1904-1905 a fund of \$12,000 was established to the memory of Harriet Green, an English Friend who labored much in the Gospel among the Friends of America. The Francis White Fund of \$5,000 is in memory of Francis White, who in his lifetime gave assistance and great encouragement to the work of education in North Carolina.

The Jonathan E. Cox fund of \$3,000 was established by his son, J. Elwood Cox—endowment.

The Marvin Hardin fund of \$1,300 was established in memory of Marvin Hardin by the Class of 1904—a scholarship fund.

The William Johnson fund of \$1,500—a scholarship fund.

The Richardson Fund of \$2,758 by will of Joseph S. Richardson—a scholarship fund.

The Fowell B. Hill Fund of \$1,000 by will of Fowell B. Hill—endowment.

The Ezra Murray Meader Fund of \$1,000 by will of Elizabeth Meader White—for mathematical department.

The Francis T. King Fund of \$5,000 by will of Francis T. King—for care of buildings and campus.

The Doctor Dicia Baker Fund of \$5,000 by will of Dr. Dicia Baker—for Girls' Aid Committee of North Carolina Yearly Meeting.

The Susanna Osborne Memorial Fund of \$500—for Girls' Aid Committee of North Carolina Yearly Meeting.

The Wells Fund of \$1,000—scholarship fund.

The total sum of permanent funds—those named above and others—is \$176,500. The value of material equipment, including buildings, furniture, apparatus, and farm with its outfit, is \$148,500. Total, \$325,000.

## REQUIREMENTS FOR ADMISSION

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Candidates for admission must furnish evidence of good moral character, and those who come from other schools or colleges must furnish certificates of dismissal in good standing.

Unless admitted on certificate, every student desiring to enter the freshman class will be examined on the following subjects:

I. MATHEMATICS.—Higher arithmetic, including commercial forms and mensuration.

Algebra, as much as is included in any good high school algebra, including quadratics and logarithms.

Plane Geometry, five books, with original exercises.

II. ENGLISH.—English grammar, composition, and literature. Candidates for the freshman class are expected to give evidence of a careful study of the works marked “For Study”, page 72. They must also give evidence of a general knowledge of the works marked “For Reading”, pages 72 and 73.

III. LATIN.—As much as is contained in any good First Latin book and four books of Caesar, Cicero’s Orations against Catiline, and four books of Virgil, together with exercises in Latin prose composition.



IV. HISTORY.—United States History as is given in any good high school text-book, such as Fiske's. The Eastern Nations, and Greek and Roman history to the time of Charlemagne.

V. SCIENCE.—Physiology, including anatomy and hygiene, geography, both political and physical, as is contained in good text-books on these subjects.

Students wishing to be admitted to Guilford College with credit for previous work are requested to have the principal or superintendent of the school in which the work was done, fill out a blank similar to the following. Separate blanks will be furnished on application. Such certificates will be accepted only from well-accredited high schools, and for preparatory work only.

Students not presenting certificates will be examined on all studies for which they expect credits.

Examinations for admission and for higher class standing will be held at 9 a. m. and 2 p. m. on the day preceding the opening of each term, and on Monday preceding commencement.

## FORM OF CERTIFICATE

SUBJECTS	WEEKS OR YEARS	TEXT-BOOK	FINAL AVERAGE
Arithmetic .....			
Algebra, including loga- rithms .....			
Common School Geography .			
Physical Geography .....			
English Grammar .....			
Composition .....			
English Literature .....			
United States History .....			
Ancient History .....			
Latin (Primary) .....			
Physiology .....			
Plane Geometry .....			
Cæsar .....			
Virgil .....			
Cicero .....			
.....			
.....			
.....			

*The above is a correct statement of work done by*  
..... *in our school.*

..... *Superintendent,*

*Date* ..... *School.*

## GROUPS OF STUDIES

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The groups following are constructed in accordance with (1) the required studies and (2) electives. Besides fulfilling the requisite in required studies the student, in any group, must take at least three years' work in a single subject, known as the major subject. The student will select his group according to the major subject which he prefers. The selection of a group should be determined upon entrance into the sophomore year. Electives entitle the student to select any studies which he may choose, not in conflict with the authorized program of recitations, provided always that required studies must take precedence of electives in classification. The program of recitations will conform to the groups as outlined.

It should be noted that all students are required to take one year of Biblical instruction, the groups being so arranged that this may be done either in the sophomore or the junior year or part in each year.

Piano music and the course in Banking also stand as electives in any year except the freshman. But the maximum amount of music which a student may elect shall be two courses of not less than one year of either the intermediate or the advanced grades.

### *Hours Requisite for Graduation*

The courses are evaluated by the term hour, which equals one recitation hour a week for a term (half year).

In each of the seven groups of studies the requisite hours for graduation shall be determined by the sum of all the required studies and the electives, as prescribed in the groups respectively.

### *Degrees*

The degree of Bachelor of Arts will be conferred on any student who satisfactorily completes Group AI, AII, or AIII, and the degree of Bachelor of Science on any student who satisfactorily completes Group BI, BII, BIII, or BIV, provided in either case said student sustains a good moral character.



## COURSES OF STUDY

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### *Group AI—Ancient Classical*

#### FRESHMAN

Livy .....	4	Tacitus .....	4
English .....	4	English .....	4
Greek .....	4	Greek .....	4
Graphic Algebra and		Solid Geometry .....	3
Plane Trigonometry .....	5	Spherical Trigonometry	
		or Methods of Teaching .	2

#### SOPHOMORE

Latin .....	4	Latin .....	4
History .....	3	History .....	3
English Composition ....	2	English Composition ....	2
Greek .....	4	Greek .....	4
Physics .....	4	Chemistry A .....	4

#### JUNIOR

Ancient Language .....	4	Ancient Language .....	4
Biology .....	4	Physiology .....	4
German or French .....	4	German or French .....	4
Electives .....	4	Electives .....	4

#### SENIOR

Psychology .....	3	Logic .....	2
German or French .....	4	German or French .....	4
Ancient Language .....	3	Ancient Language .....	3
Electives .....	6	Astronomy .....	2
		Electives .....	4

*Group All—English Classical*

## FRESHMAN

English .....	4	English .....	4
Livy .....	4	Tacitus .....	4
Graphic Algebra and		Solid Geometry .....	3
Plane Trigonometry ....	5	Spherical Trigonometry or	
German or French .....	4	Methods of Teaching ....	2
		German or French .....	4

## SOPHOMORE

History .....	3	History .....	3
English Composition ....	2	English Composition ....	2
German or French .....	4	German or French .....	4
Physics .....	4	Chemistry A .....	4
Electives .....	4	Electives .....	4

## JUNIOR

English .....	3	English .....	3
Biology .....	4	Physiology .....	4
Electives .....	9	Electives .....	9

## SENIOR

English .....	3	English .....	3
Psychology .....	3	Logic .....	2
Electives .....	10	Astronomy .....	2
		Electives .....	9

*Group AIII—Political Science*

## FRESHMAN

History or Livy .....	4	History or Tacitus .....	4
English .....	4	English .....	4
Physics .....	4	Chemistry A .....	4
Graphic Algebra and		Solid Geometry .....	3
Plane Trigonometry .....	5	Spherical Trigonometry or	
		Methods of Teaching ...	2

## SOPHOMORE

History .....	3	History .....	3
English Composition ....	2	English Composition ....	2
Biology .....	4	Physiology .....	4
German or French .....	4	German or French .....	4
Electives .....	4	Banking .....	4

## JUNIOR

History .....	4	History .....	4
English .....	3	English .....	3
German or French .....	3	German or French .....	3
Electives .....	6	Electives .....	6

## SENIOR

Economics .....	4	Economics .....	3
Psychology .....	3	Logic .....	2
Sociology .....	3	Ethics .....	4
Electives .....	6	Electives .....	6

*Group BI—Chemistry*

## FRESHMAN

Physics .....	4	Chemistry A .....	4
English .....	4	English .....	4
Graphic Algebra and		Solid Geometry .....	3
Plane Trigonometry ....	5	Spherical Trigonometry or	
German or French .....	4	Methods of Teaching ....	2
		German or French .....	4

## SOPHOMORE

Chemistry .....	4	Chemistry .....	4
History .....	3	History .....	3
English Composition ....	2	English Composition ....	2
German or French .....	4	German or French .....	4
Physics .....	4	Physics .....	4

## JUNIOR

Chemistry .....	4	Chemistry .....	4
Biology .....	4	Physiology .....	4
Electives .....	8	Electives .....	8

## SENIOR

Chemistry .....	4	Chemistry .....	4
Psychology .....	3	Logic .....	2
Electives .....	8	Astronomy .....	2
		Electives .....	7



*Group BII—Physics*

## FRESHMAN

Physics .....	4	Chemistry A .....	4
English .....	4	English .....	4
Graphic Algebra and		Solid Geometry .....	3
Plane Trigonometry ....	5	Spherical Trigonometry or	
German or French .....	4	Methods of Teaching ...	2
		German or French .....	4

## SOPHOMORE

Physics .....	4	Physics .....	4
History .....	3	History .....	3
English Composition ....	2	English Composition ....	2
German or French .....	4	German or French .....	4
Analytics .....	4	Analytics .....	5

## JUNIOR

Physics .....	4	Physics .....	4
Mathematics .....	4	Mathematics .....	4
Chemistry .....	4	Chemistry .....	4
Electives .....	4	Electives .....	4

## SENIOR

Physics .....	4	Logic .....	2
Psychology .....	3	Astronomy .....	2
Biology .....	4	Physiology .....	4
Electives .....	4	Electives .....	7

*Group BIII—Biology*

## FRESHMAN

Physics .....	4	Chemistry A .....	4
English .....	4	English .....	4
Graphic Algebra and		Solid Geometry .....	3
Plane Trigonometry ....	5	Spherical Trigonometry or	
German or French .....	4	Methods of Teaching ....	2
		German or French .....	4

## SOPHOMORE

Biology .....	4	Physiology .....	4
History .....	3	History .....	3
English Composition ....	2	English Composition ....	2
German or French .....	4	German or French .....	4
Chemistry or Electives ...	4	Chemistry or Electives ..	4

## JUNIOR

Biology .....	4	Biology .....	4
Geology .....	4	Geology .....	4
Physics or Electives ....	4	Physics or Electives ....	4
Electives .....	4	Electives .....	4

## SENIOR

Biology .....	4	Biology .....	4
Psychology .....	3	Logic .....	2
Electives .....	9	Astronomy .....	2
		Electives .....	7

*Group BIV—Mathematics*

## FRESHMAN

Graphic Algebra and		Solid Geometry .....	3
Plane Trigonometry ....	5	Spherical Trigonometry .	2
English .....	4	English .....	4
Physics .....	4	Chemistry A .....	4
German or French .....	4	German or French .....	4

## SOPHOMORE

Analytics .....	4	Analytics .....	5
History .....	3	History .....	3
English Composition ....	2	English Composition ....	2
Physics .....	4	Physics .....	4
Electives .....	4	Electives .....	4

## JUNIOR

Mathematics .....	4	Mathematics .....	4
Biology .....	4	Physiology .....	4
Electives .....	8	Electives .....	8

## SENIOR

Mathematics .....	4	Mathematics .....	3
Psychology .....	3	Logic .....	2
Electives .....	9	Astronomy .....	2
		Electives .....	9

## DEPARTMENTS OF INSTRUCTION

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### *Latin Language and Literature*

I. LIVY.—This course embraces two books of Livy and composition weekly. Rapid reading and sight reading on easy passages are employed as tests. Points in history and syntax, together with Livy's style, are emphasized. Four hours a week. Fall term. Freshman.

II. TACITUS.—This course embraces the *Germania* and *Agricola*. Also either the *Poet Archias* of Cicero, or composition, as the case demands, is required. The *Germania* is studied for its intrinsic value as history; the *Agricola* is studied as history and as a biography. The *Agricola* of Tacitus and the *Poet Archias* of Cicero are studied as masterpieces in Latin literature. Four hours a week. Spring term. Freshman.

\*III. SELECTIONS FROM VIRGIL.—This course embraces *Georgics* I and IV, and selections from the *Æneid*. In this course it is intended to set forth the principles upon which Latin poetry is based, the hexameter being the simplest and best representative of Latin verse. The selections are made with a view to

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\* Not given in 1913-1914; Course IV instead.



illustrate Virgil's method of developing a National Epic for the Romans. Virgil's style and syntax are an essential part of the course. Four hours a week. Fall term. Sophomore.

IV. SELECTIONS FROM OVID AND PROPERTIUS.—This course embraces selections from the Elegies of Ovid and Propertius illustrative of this department of Latin poetry. The selections from the Metamorphoses of Ovid are very valuable from the mythology which they contain treated in epic form. Four hours a week. Spring term. Sophomore.

V. HORACE.—Many of the Odes and of the Satires and Epistles, and the Ars Poetica constitute this course. Poetic peculiarities, sentiment, and elegance of expression in Latin verse are among the things studied. Prosody is an essential part of the work. Four hours a week. Fall term. Junior.

\*VI. CICERO'S TUSCULAN DISPUTATIONS I AND SELECTIONS FROM LUCRETIUS.—This course is given as a study in Roman philosophy. Special attention is called to philosophical thought as expressed by these two authors. The technical meaning of words, and a thorough drill in syntax are emphasized. Four hours a week. Spring term. Junior.

VII. ROMAN COMEDY.—This course embraces the Captivi and Trinumus of Plautus, the Andria and

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\* Not given in 1913-1914; Horace instead to follow Ovid.

Adelphoe of Terence. It is the intention of this course to give the student an idea of the fundamental qualities of Roman comedy. It is in the comedy that one finds daily life depicted, and it is in comedy that the daily speech is used,—two very essential elements toward a correct understanding of the literature of a people. Three hours a week. Fall term. Senior.

VIII. TRAGEDY.—This course embraces three Tragedies of Seneca and selections at sight from Gudeman's Latin Literature. Three hours a week. Spring term. Senior.

### *The Greek Language*

I. The first term in the study of Greek is devoted to learning the forms of the language, and doing easy exercises from Frost's Greek Primer. In the second term, two books of Xenophon's Anabasis are read.

II. In the second year, the third book of the Anabasis, and about an equal amount of Herodotus are read in the first term. The second term is given to Homer's Iliad.

III. During the first term of the third year Plato's Apology, Crito, and Thucydides are read. The last term is given to New Testament Greek.

For students electing a fourth year in Greek additional reading matter will be furnished according to the wish and efficiency of the class.

## *German*

The first year is devoted to the study of *Lehrbuch der deutschen Sprache*, supplemented by the reading of some simple story, as *Storm's Immensee*.

During the second year such books are read as *Brandt's German Reader*, *Im Vaterland*, and *Willkommen in Deutschland*.

## *French*

I. During the first year the work comprises: (1) careful drill in pronunciation; (2) the rudiments of grammar; (3) easy exercises in translating into French; (4) writing French from dictation; (5) practice in conversation; (6) the reading of about 150 pages of easy French stories. Grammar: *Francois' Beginner's French*. Four hours a week.

II. The second year work comprises: (1) the reading of from 300 to 400 pages of modern French in the form of stories and historical sketches; (2) constant practice as in the first year, in pronunciation, grammar, dictation, composition, and construction. Text-books: *A Prose Composition* and such texts as *Dumas' Le Comte de Monte-Cristo*, *Halévy's L'Abbé Constantin*; *Erckmann-Chatrian's Madame Thérèse*, etc. Four hours a week.

III. Elective.

## *English*

**Ia. RHETORIC, COMPOSITION AND LITERATURE.**—This course covers in the main the principles of rhetoric and composition, with the frequent writing of themes which are discussed in personal conferences between the writers and the instructor. Attention is also given to the reading and careful analysis of model prose selections taken from the best English and American writers. In addition to the above, each member of the class is expected to choose one of several elective courses of private reading on which he may expect to be examined at the end of the term. Four hours a week, first term.

**Ib. ENGLISH LITERATURE.**—The second half year presents a general survey of English Literature from the Anglo-Saxon age to the present day. Lectures, readings in class, outside readings and reports. Four hours a week, second term.

**IIa. ELIZABETHAN DRAMA.**—This course is intended to acquaint the student with the drama of the age of Elizabeth. It consists of a historical survey of the drama, a study of the playwrights immediately preceding Shakespeare with respect to their influence upon him, a study of Elizabethan society and playhouses, and a few of Shakespeare's early plays. Elective. Three hours a week, first term.

**IIb. SHAKESPEARE.**—This course is a continuation of IIa. The entire term is devoted to the careful



analysis of a selected number of Shakespeare's plays and a study of his development as a dramatist. Other plays are read less critically outside the class. Elective. Three hours a week, second term.

IIIa. NINETEENTH CENTURY PROSE.—During the first half year attention is given to the English prose masters of the nineteenth century, and a more or less critical examination of some of their works. Lectures, readings in class, outside readings and reports. Elective. Three hours a week.

IIIb. NINETEENTH CENTURY POETRY.—The second half year is devoted to the careful study of some of the principles of literary criticism and their application to the works of the nineteenth century poets. Lectures, readings in class, outside readings and reports. Elective. Three hours a week.

\* IVa. AMERICAN LITERATURE.—The purpose of this course is to give the student a general survey of American Literature from 1607 to the present day, with a more or less intensive study of the representative writers of each period. Lectures, recitations, outside readings and reports. Elective. Three hours a week, first term.

\* IVb. EIGHTEENTH CENTURY LITERATURE.—This course presents a study of the literary movements in the eighteenth century and a critical analysis of

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\* Not given in 1913-1914.

selected readings from the representative English poets and prose writers. Lectures, readings in class, outside readings and reports. Elective. Three hours a week, second term.

V. ADVANCED RHETORIC AND COMPOSITION.—A study of formal rhetoric and composition. Personal conferences and criticisms. Required of all sophomores. Two hours a week throughout the year.

Students in upper classes who are deficient in English Composition will be required to do special work in that subject.

### *Biblical Literature*

The work in Biblical Literature consists of a survey of Hebrew and Jewish history, with special studies in the prophetic writings during the fall term. The spring term is devoted to the study of the four Gospels. Four hours a week. One year. Given every other year. Not given in 1913-1914. After 1914, required of all students in their junior or senior year.

A course in Biblical History and Literature designed particularly to meet the needs of Bible School teachers will be offered as an elective in 1913-1914. Two hours a week in the fall term and four hours a week in the spring term.

## *History and Economics*

\* I. MEDIAEVAL AND MODERN HISTORY.—In this course the history of Western Europe is studied, outlining the Rise of the Papacy, the Crusades, the Renaissance, the Reformation, the French Revolution, and the Development of Modern Europe. Reference work in the Library and reports on special topics form an essential part of the course. Three hours a week. One year. Elective in Political Science Group in freshman year. Required in all other Groups in the sophomore year.

II. ENGLISH HISTORY.—This is a study of the political, industrial and constitutional development of England from the earliest period to the present time. Special attention will be given the State, the English Church, the Puritan Movement, the Colonial System and the Industrial Revolution. Reference work and reports are required. Three hours a week. One year. Alternates with Course I as an elective in freshman year in Political Science Group and as a requirement of sophomores in all other Groups.

IIIa. CONSTITUTIONAL HISTORY.—This is a study of the formation and development of the United States Government, with a close examination of its present form and workings. It is, therefore, a combination of history and advanced civics. A text-book

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\* Not given in 1913-1914.

is used, but considerable reference work in the Library is required, the results of which are embodied in themes at regular intervals during the term. The aim is not only to develop a knowledge of the history and workings of the Government, but to stimulate an interest in current political life and its responsibilities. Four hours a week. Fall term. Required in the Political Science Group; elective in junior or senior year in all other Groups.

IIIb. CONSTITUTIONAL HISTORY.—The nature and origin of government will be traced, together with the development of the modern states: England, France, Switzerland and Germany. This is followed by a study of the general form and working of these governments, with emphasis on the legislative, administrative and judicial functions. Reference work on the subject matter of the course and the current political and diplomatic situation in Europe is done in the Library and reports made to the class. Each member of the class is required to make an independent study of some government not treated in the class and write a theme on it. Four hours a week. Spring term. Required in the Political Science Group; elective in junior or senior year in all other Groups.

IV. AMERICAN HISTORY.—This is a course in advanced American History, and deals with origins, movements, and developments rather than mere incidents and facts. A text-book will form the basis of



the course, but broad readings, reports, lectures and discussions will form the major part of the work. The study will extend throughout the year, reciting four hours a week, but will be divided into two parts as follows:

(a) Fall term: 1492-1789—Colonial Period, Revolution and Independence, Formation of the Government and Origin of Parties.

(b) Spring term: 1789-1912—National Development and Expansion, Slavery Controversy, Civil War and Reconstruction, Period since the War.

Courses IV*a* and IV*b* alternate with III*a* and III*b* and will be given in 1913-1914.

V. ECONOMICS.—This is a general introduction to the principles of political economy. Its purpose is to give a general understanding of current American economic problems and of the forces underlying our industrial life, thus preparing students for more advanced study and the duties of citizenship. The course consists of text-book, collateral reference work and a theme by each student based on a study of some practical economic problem. Four hours a week. Fall term. Junior or senior.

VI. ECONOMICS.—This course is a continuation of Economics V. In it a more thorough study is made of certain phases of political economy, including money and banking, transportation, corporations and

the tariff. Four hours a week. Spring term. Junior or senior.

VII. SOCIOLOGY.—This course strives to explain the basis of society, the social institutions, social pathology and the remedies, and social psychology and progress. Collateral reading and the study of some current social problem is required of each member of the class. Three hours a week. Fall term. Senior.

### *Philosophy*

I. PSYCHOLOGY.—A course in general psychology, seeking to cover the field of mental facts and processes, supplemented by readings and lectures. Three hours a week. Fall term. Senior.

II. ETHICS.—In this course the trend of Christian ethics will be considered historically, and an attempt is made to find a fundamental basis of moral conduct. The work consists of lectures and notes on assigned readings, together with a theme on some phase of ethical study. Four hours a week. Spring term. Senior.

III. LOGIC.—Careful attention is given in this course to definitions and explanations of the terms, and much practice in processes of reasoning. Two hours a week. Spring term. Senior.

IV. METHODS OF TEACHING.—A practical study

of the psychology and methods involved in the teaching of the common school subjects. Last eight weeks. Spring term. Elective.

### *Mathematics*

Ia. GRAPHIC ALGEBRA.—Rapid review of quadratics, careful study of theory of exponents, binomial theorem, ratio, logarithms, graphs. Two hours a week. Fall term. Freshman.

Ib. PLANE TRIGONOMETRY.—The definitions and relations of the six trigonometric functions as ratios; circular measurement of angles; proofs of the principal formulas, especially those for the sine, cosine, and tangent of the sum or difference of any two angles whatever, and of double angles and half angles; also the product expressions for the sum of two sines or of two cosines, etc.; the transformation of trigonometric expressions by means of these formulas, the use of inverse functions, and the solution of plane triangles. Three hours a week. Fall term. Freshman.

IIa. SOLID GEOMETRY.—Properties of straight lines and planes, of dihedral and polyhedral angles, of projections, of polyhedrons, including prisms, pyramids, and the regular solids, of cylinders, cones, and spheres, of spherical triangles, and the practical measurements of surfaces and solids. Dissected sphere, truncated cones, prisms, and pyramids with other solids are used in illustration of practical work. Three hours a week. Spring term. Freshman.

IIb. SPHERICAL TRIGONOMETRY.—With simple applications in Navigation. Two hours a week. Spring term. Freshman.

IIIa. PLANE ANALYTIC GEOMETRY.—Line, circle, and conics, with graphs and problems in loci. Four hours a week. Fall term. Sophomore.

IIIb. SOLID ANALYTIC GEOMETRY.—This is an elementary course in three-dimensional geometry, including the plane, straight line and quadratic surfaces. Five hours a week. Spring term. Sophomore. (Analytics, 3 hours a week. Special topics in College Algebra, 2 hours a week.)

IVa. DIFFERENTIAL CALCULUS.—An elementary course, with applications, including maxima and minima, rates and infinite series. Four hours a week. Fall term. Junior.

IVb. INTEGRAL CALCULUS.—This course is devoted mainly to the integral calculus of functions of one variable and covers the following subjects: differentials; methods of integration; definite integrals; applications to areas and lengths of plane curves; volumes of solids of revolution; and mechanical applications to work, pressure, etc. Four hours a week. Spring term. Junior.

Va. DIFFERENTIAL EQUATIONS.

Vb. MECHANICS.



**VIa. SURVEYING.**—The recitations cover the construction, use and adjustment of the compass, surveyors' and solar transit and level, the use of chains, tapes, rods and other instruments; land surveying computations, including balancing, supplying omissions, finding areas and dividing land; and United States public land surveys. The field work and computations afford practice chiefly in making a traverse and transit and chain, in leveling, in adjustments of transit and level, and in the computations required to balance and map the traverse. Field work, computations and mapping; also stadia and plane table work. Three hours. Fall term. Elective.

**VIb. DESCRIPTIVE ASTRONOMY.**—This course aims to give such information concerning the heavenly bodies and the laws by which they are governed as must be secured by every one who aspires to the possession of a liberal education. The student learns the method of determining the figure, dimensions, distances, motions, physical character, and telescopic appearances of the bodies constituting the solar system, nature of comets, meteors, stars, nebulae.

A small telescope, a solar transit, a student's spectrometer, sextant, clinometer, and sundial enable students to supplement their work with interesting observations as are required. Two hours a week. Spring term. Senior.

## *Biology and Geology*

I. GENERAL BIOLOGY.—This course is a study of the structure and life-history of typical plants and animals. Special attention is given to physiological processes and to the nature of protoplasm. It is also the object of the course to give the student some knowledge of the laws of life and the philosophy of organization.

II. COMPARATIVE ANATOMY AND EMBRYOLOGY OF VERTEBRATES.—The course consists of (1) the dissection of types of vertebrates; (2) the early development of the frog; (3) the embryology of the chick. Lectures, text-book and laboratory work. Four hours a week. Text-book, Lillie's *The Development of the Chick*. Not given in 1913-1914.

III. PLANT MORPHOLOGY.—This course consists of a special study of the morphology of the Pteridophytes and Spermatophytes. Field work on the ecology of seed bearing plants will also be given. Four hours a week. Fall term.

IV. BACTERIOLOGY AND SANITATION.—This course consists of a study of the methods of isolating and cultivating bacteria. Both free-living and parasitic bacteria will be studied. Readings and lectures on sanitation and the conquest of disease will follow the study of bacteriological methods. Four hours a week. Spring term.

Courses III and IV alternate with II.

V. GEOLOGY.—Recitations, laboratory and field work. The common rocks and minerals are studied and identified, their dynamic, structural and historical geology is studied in connection with field trips, stereopticon illustrations, and the examination of fossils in the laboratory. Four hours a week.

### *Chemistry*

A.—In view of the wide application of chemistry in modern life, a half year's work in this subject is required of all freshmen. The principles of the subject are taken up in a very general manner and the most important elements considered with particular reference to manufacturing processes. The lectures and recitations are accompanied by many experimental demonstrations. This course is intended as an introduction to Chemistry I and is not equivalent to a half year's work in that course. Lectures, recitations and laboratory work. Four hours. Second half year.

I. GENERAL CHEMISTRY.—This course consists of a thorough study of the more important elements and their compounds, nomenclature and equations, together with an introduction to Physical Chemistry. In general, there will be two lectures and two laboratory periods each week. The laboratory work consists of the preparation and study of the properties of the non-metallic elements and their compounds. Re-

quired sophomore year of all students electing the Chemistry Group and junior year of all students electing the Physics Group. Four hours entire year.

II. QUALITATIVE ANALYSIS.—This course is as practical as possible, and includes the separation and detection of the bases and acids. Analyses are made of simple salts and minerals. Entirely laboratory work with the exception of one hour recitation each week. Pre-requisite, Chemistry I. Four hours or more by arrangement.

III. QUANTITATIVE ANALYSIS.—Analysis of pure salts is made by the simpler gravimetric and volumetric methods, as well as complete analyses of ores and technical products. Pre-requisite, Chemistry I and II. Four hours or more by arrangement.

IV. ORGANIC CHEMISTRY.—This course consists of a study of the principal compounds of carbon and their derivations. Instruction is given by means of lectures, recitations and laboratory work, in which many of the simpler organic substances are prepared. Pre-requisite, Chemistry I. Three hours entire year.

V. ADVANCED QUANTITATIVE ANALYSIS.—This is a continuation of Course III and consists of the analysis of water, fertilizers, milk, coal, iron, and steel, etc. Four hours or more by arrangement.

In all courses in Chemistry one laboratory period consists of two and a half actual hours.



A breakage fee of 50 cents per term is required of all students in the Chemistry Department, which is included in the term fee.

### *Physics*

The physics laboratory is in the basement of King Hall. The room is 24 x 70 feet and is well equipped for the following courses:

A. An elementary general course, including text-book work, individual laboratory measurements, lecture experiments, collateral reading and mathematical work, making use of algebra and plane geometry. Four hours a week. Fall term.

Text, Carhart and Chute's First Principles of Physics.

I. GENERAL PHYSICS.—This course is open to those who have completed Physics A and who have a good working knowledge of Plane Trigonometry and the elements of graphing. Mechanics, heat, sound, light, electricity and magnetism are studied in detail. In this course at least one period of laboratory work is required each week, the chief aim of which is to establish an immediate and vital connection between theory and experiment by accuracy of observation and of measurement. Four hours a week the entire year. The text-book is Hastings and Beach, General Physics.

II. A lecture and laboratory course in electricity and magnetism. In this course special attention will be given to the examination of specimens of iron, plotting hysteresis curves, measurement of capacity, quantity, inductance, etc. Four hours a week entire year.

### *Bookkeeping and Banking*

MODERN ILLUSTRATIVE BOOKKEEPING.—A course in practical work with checks, drafts, notes, deposits, discounts as practiced by progressive business houses in Double and Single Entry Systems and Special Column Journalizing, with balance sheets and business statements. Full set of blank books, commercial papers, college currency and forms are furnished the student for practice in bookkeeping.

When preparing for Banking, students should select Bookkeeping, Business Arithmetic, History, Language, Physics, Economics, and read "Money, Banking and Finance," "Commercial Law," and "Management of Business Houses."

MODERN ILLUSTRATIVE BANKING AND BANK ACCOUNTING.—This course consists of a detailed account of the organization, management and the most approved practice in banking as to actual work of each department and proofs for same, using forms and vouchers and regular bank books for each day's work. Lessons on the Burroughs Adding Machine will supplement the work.

The extra charge of \$10.00 per term includes blanks and vouchers. Required in Course AIII, and can be elected in any course.

### *Department of Music*

It is the aim of the department to give such technical and aesthetic training as will enable students to continue their studies independently and also to impart their knowledge. To this end courses have been arranged along those lines which will tend to cultivate taste, develop the mind, and elevate the ideals.

The time required for the completion of these courses will vary, according to the native talent, the previous training, and industry of the student.

Pupils will be taught with reference to their peculiar needs, and aided from the beginning to form habits of attention and thoughtful practice.

#### **COURSES OF STUDY**

##### **COURSE I.**

Pianoforte, Harmony, two years; History of Music, one year; literary studies equivalent to a High School course or the Guilford Preparatory course. In addition to these, German, one year; French, one year; English Literature, one year.

##### **COURSE II.**

Voice Culture, Pianoforte, through the Freshman year; Harmony, one year; History of Music, one year;

literary studies equivalent to a High School course or the Guilford Preparatory course. In addition to these, German, one year; French, one year; English Literature, one year.

### PIANOFORTE

Studies: Kühner, Löschhorn, Lemoine, Streabbog, Gurlitt, Smith, Concone, Lambert, Burgmüller and others.

Duets and trios.

Pieces: Suitable pieces selected with a view to the most rapid advancement of the pupil. Sonatinas by Kullak, Clementi, Haydn and Mozart.

Scales and arpeggios introduced. Memory work.

### FRESHMAN

Studies: Czerny-Germer, LeCouppéy, Berens Velocity exercises, Bach's "Little Preludes and Fugues", Czerny Octaves, op. 553, etc.

Pieces by Bohm, Bachmann, Lack, Wachs, Haydn, Merkel, Schumann.

Easier Sonatas by Haydn, Mozart, and Beethoven.

Scales and arpeggios, major and minor, parallel motion.

Memory work.

### SOPHOMORE

Studies: Czerny, op. 299. Czerny-Liebling studies, Löw Octaves, op. 281, Bach French Suites, and Two-part Inventions.



Pieces: Mendelssohn, Chaminade, Godard, Meyer-Helmund, Karganoff, Reinhold, Dreyschock.

Duets, quartettes, two piano pieces. Sonatas, Mozart, Beethoven.

Scales and arpeggios, major and minor scales in tenths and contrary motion, arpeggios, inverted and contrary.

Memory work.

#### JUNIOR

Studies: Czerny, op. 740, Czerny "Staccato and Legato", Kullak Octaves, Pischna Progressive Exercises, Clementi-Tausig, "Gradus", Bach Three-part Inventions. Quartettes and two piano pieces.

Pieces: Schumann, Schubert-Liszt, Raff, MacDowell, Moszkowski, Chopin, Weber, Leschetizky, etc.

Sonatas: Beethoven, Mozart.

Scales, major and minor in thirds and sixths and contrary, arpeggios, inverted and contrary.

Memory work.

#### SENIOR

Technical work of preceding grades continued.

Pieces: Liszt, Brahms, Weber, Chopin, Vogrich, Schumann, Rubinstein, Rachmaninoff.

Bach Well-Tempered Clavichord.

Candidates for admission into the senior class will be required to pass the following examination at the beginning of the year in which they intend to graduate:

I. Major and minor scales parallel in octaves.

thirds, tenths, and sixths, and contrary, at the speed of 92 to four sixteenths; arpeggios, major and minor, parallel and contrary and inverted, at the speed of 80 to four sixteenths.

II. Sonata by Mozart.

III. Three-part Bach Invention from memory.

IV. Two pieces from memory, studied during the junior year.

### VOCAL

Careful attention will be given to correct breathing, voice placing, tone production; the use of the lips, tongue and palate with reference to distinct articulation; all tending toward the development of a natural and easy manner of singing.

Vocalises and Solfeggio: Studies selected from Concone, Panofka, Marchesi, Sieber, Bordogni.

Songs of the best English and American composers, beside those of Mozart, Schubert, Schumann, Franz, Grieg.

French, German and Italian songs in the original text.

Arias from the Oratorios of Handel, Haydn, Mendelssohn.

### HARMONY

The difficulties in the study of harmony will be lessened by learning that the rules are derived from certain principles; i. e., the natural tendencies in harmonic and melodic progressions. The study will in-

volve a thorough knowledge of musical notation, intervals, signatures, keys, formation of scales, triads of major and minor scales and their inversions. Simple four-part writing from given basses and sopranos.

Harmonies of the Seventh and their inversions, secondary harmonies of the Seventh and their inversions.

Chords of the Seventh in connection with chords of other tone degrees.

Chords of Ninth, Eleventh and Thirteenth.

Chromatic alterations of the Fundamental Harmonies, Modulations, Suspensions, Organ-Point, Passing-Notes, Passing Chords, Harmonizing Melodies. Text-book, Emery's Elements of Harmony.

## HISTORY OF MUSIC

Music before the twelfth century.

Development as an independent art.

Evolution of Folk-Songs: Troubadours, Minnesingers, Meistersingers.

Evolution of Music Forms: Choral, Oratorios, Sacred Cantata, Sonata, Symphony.

Schools of Music: The Netherlands, Flemish, Italian, French, German.

Masters of Music: Palestrina, Handel, Bach, Gluck, Haydn, Mozart, Beethoven.

Lesser Lights: Schubert, von Weber, Spohr, Mendelssohn, Schumann, Cherubini, Wagner.

### FREE CLASSES

SIGHT SINGING.—For those desiring to fit themselves for music teaching in schools, or for chorus singing. Text-book, Root's Methodical Sight-Singing, Part II.

CHORUS CLASSES.—In these classes students receive training in part-singing.

### RECITALS

Realizing that ease and confidence in playing for others can be acquired only by doing so, pupils' recitals will occur at regular intervals, at which students will perform studies and pieces in the presence of all the pupils, the numbers given being explained and analyzed.

Two public recitals will be given during each term.

Pupils will have the opportunity of hearing the best works of the different epochs performed and analyzed.

### DIPLOMAS

Candidates for graduation in music, besides completing the prescribed course, will be required to give a finished and satisfactory public recital.

Students who are candidates for a degree will be permitted to substitute a maximum of two courses of not less than one year each, satisfactorily completed, in or above the freshman class in music, for any two electives in the regular academic courses.



Students are charged regular tuition besides the music whether they take other studies or not, and when entering the class in music at the beginning of the term, they are charged the full rate for the term, with no rebate, except in case of protracted sickness.

### *Domestic Science*

The department of Domestic Science affords excellent opportunity to young women not only for learning how to do cooking in the best way to secure wholesome food, but also for the economic management of a household. The department includes classes also in sewing.

Girls pursuing this subject may make it elective one hour each term; that is, credit in Domestic Science may count for work towards completing a course for graduation.

## THE PREPARATORY SCHOOL

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A course of training for students who come to us unprepared for college classes has been arranged and embraces the following subjects:

FALL TERM		SPRING TERM	
English A .....	5	English A .....	5
English B .....	4	English B .....	4
English C .....	4	English C .....	4
Arithmetic .....	5	Arithmetic .....	5
Algebra .....	5	Algebra .....	5
Primary Latin .....	5	Primary Latin .....	5
Cæsar .....	5	Cæsar .....	5
Ancient History .....	4	Ancient History .....	4
Physiology .....	4	Physiography .....	4
Plane Geometry, Books I, II, III, .....	4	Virgil .....	5
Cicero .....	5	Plane Geometry, Books IV and V and Loga-	
Bookkeeping (Elective) .	3	rithms .....	5
Bible .....	1	Bookkeeping (Elective) .	3
		American History .....	4
		Bible .....	1

### ENGLISH

A. The work in English for the first year in the preparatory course consists of grammar, composition, and literature. Masterpieces in literature are carefully studied and made to serve as topics for drill in

composition. Short selections are memorized. Outside reading is also required.

B. Pupils are required in the second year preparatory to study technical English grammar, Elementary Rhetoric, masterpieces in English and American Literature, and composition. Memory work and outside reading are both required.

C. The third year in English prepares for entrance to the freshman class in College. For the year 1913-1914 the following will be required:

FOR STUDY.—Shakespeare's *Macbeth*; Milton's *L'Allegro*, *Il Penseroso*, *Comus*, *Lycidas*, and some of his *Sonnets*; Scott's *Lady of the Lake*; Arnold's *Sohrab and Rustum*; Carlyle's *Essay on Burns*.

FOR READING.—(Two must be selected from each group.)

I. *Genesis*, *Exodus*, *Joshua*, *Judges*, *Samuel*, *Kings*, *Daniel*, *Ruth*, *Esther*; Homer's *Iliad*; Virgil's *Æneid*.

II. *Merchant of Venice*; *As You Like It*; *Twelfth Night*; *Henry V*; *Julius Cæsar*; *Midsummer Night's Dream*.

III. *Robinson Crusoe*; *Vicar of Wakefield*; *Ivanhoe*; *House of Seven Gables*; *David Copperfield*; *Silas Marner*; *Treasure Island*; *Cranford*.

IV. *Pilgrim's Progress*; *Franklin's Autobiography*; *Parkman's Oregon Trail*; *Stevenson's Inland Voyage and Travels with a Donkey*; *Sir Roger de*

Coverley Papers; Macaulay's Essay on Warren Hastings; Irving's Sketch Book.

V. Gray's Elegy and Goldsmith's Deserted Village; Coleridge's Ancient Mariner and Lowell's Vision of Sir Launfal; Scott's Lay of the Last Minstrel; all of Wordsworth, Shelley, and Keats in Palgrave's Golden Treasury; Longfellow's Miles Standish and Whittier's Snowbound; Tennyson's Gareth and Lynette, Lancelot and Elaine, and Passing of Arthur; Byron's Childe Harold, Canto IV, and Prisoner of Chillon.

### LATIN

Three years in Latin are given in the Preparatory School.

I. PRIMARY LATIN.—This is a five-hour course throughout the first year and embraces all the essentials preparatory to a study of higher Latin.

II. CAESAR'S GALLIC WAR AND LATIN COMPOSITION.—This course extends through the second year, embracing four books, I-IV. Composition weekly. An effort is made to develop a ready reading knowledge of Latin. Attention is given to pronunciation, word-forms, case-syntax, moods, tenses, and indirect discourse. Military matters and the geography of the text are emphasized. Five hours a week.

III. CICERO AND COMPOSITION.—This course embraces the four orations against Catiline. Composition weekly. Thorough grounding in prose construction is aimed at on the linguistic side. Oratorical



style, historical and biographical setting are considered.

IV. VIRGIL AND COMPOSITION.—This course embraces four books of Virgil. Composition weekly. Thorough drill in syntax, poetic peculiarities, and prosody are aimed at.

### SCIENCE

PHYSIOLOGY.—Physiology is required of preparatory students, or those who enter college conditioned on the subject.

Four recitations a week are given throughout the fall term of the second year of the preparatory course. Besides a general outline of human anatomy, the course deals with the study of the properties, uses and actions of the various parts of the body. The influence of narcotics and alcoholic stimulants upon the various organs is carefully explained. The subject is made interesting and attractive by laboratory experiments, microscopic slides, anatomical models, charts and projections.

PHYSIOGRAPHY.—An elementary course for preparatory students. Recites four times per week. Besides the text-book work, the class makes a special study of weather conditions, the weathering of rocks, and the development of drainage systems.

### HISTORY

One year of history is required of all preparatory students. This is a course in Ancient History, including Oriental, Greek and Roman.

**ARITHMETIC**

**COURSE A.** This course is designed to enable the student to acquire a practical knowledge of current business methods as well as skill in numerical calculation. The course includes a study of practical measurements, commercial discounts, gain and loss, commission and brokerage, insurance, taxes, duties and customs, interest and banking, equations and cash balance, dividends and investments, and partnership and storage. Five hours a week. Given each term. Text-book, Moore and Miner's Practical Business Arithmetic.

**ALGEBRA**

**COURSE B.**—This course includes factoring, common divisors, common multiples, fractions, simple equations and simultaneous equations. Five hours a week. Fall and spring terms. Text-book, Milne's High School Algebra.

**COURSE A.**—Elementary graphing, simultaneous equations, zero, fractional and negative exponents, surd quantities, imaginaries, quadratic equations, and logarithms. Five hours a week. Given each term. Text-book, Stone and Millis.

**PLANE GEOMETRY.**—Besides the demonstrations of the theorems, the student is required to apply the principles learned in the solution of the original propositions and problems. Three books in the fall term, and Books IV and V with special work in logarithms in the spring term.

### *The Museum*

The Cabinet of Natural History Specimens is one of the most interesting features of the institution. The collection has been formed more especially with reference to giving assistance in class room work than to making a display of peculiar relics. It is a working cabinet rather than a collection of curiosities. We find it indispensable as a means of furnishing examples and illustrations for the various branches of natural history.

Among the most valuable specimens may be mentioned :

The collection of minerals containing more than two hundred varieties.

Specimens of limestone, including stalactites, stalagmites, and other formations from the Mammoth, Luray, and Wyandot Caves.

A number of rocks, representing igneous, metamorphic, stratified, and glaciated specimens.

A collection of fossils, numbering several hundred, giving a good idea of both animal and vegetable life in the Paleozoic, Mesozoic, and Cenozoic eras.

Volcanic Specimens.—The best of which are from the Sandwich Islands and Mount Vesuvius.

Corals.—More than one hundred specimens from the islands of the Pacific, and Florida.

Shells.—Comprising more than one hundred and fifty land and water species.

Marine Animals.—Consisting of fishes, star-fishes, sea urchins, crabs, etc.

Archaeological Specimens.—More than one thousand in number.

A collection of casts of prehistoric implements, numbering over one hundred specimens, a donation from the Smithsonian Institute. The collection illustrates the development of man through the stone, polished stone, and bronze ages.

Mounted Animals.—One hundred and seventy-five mounted birds and animals. Among them are eleven species of hawks and owls, thirteen species of wild duck taken in North Carolina, a pair of wild turkeys, a buffalo head, a large beaver, a wild cat, two minks, an alligator, and other animals. Also one hundred skins of birds and mammals used in class work.

In collecting for the cabinet great care has been taken to obtain such specimens as will aid in the study of zoology and kindred subjects.

Our cabinet contains more than two hundred varieties of birds' eggs, numbering over 1,200 individuals. This collection includes not only the eggs of our North American birds, but the most prominent orders of South America, Europe, Asia, and Africa. The eggs of the guillimots from the Faroe Islands, and the gulls and auks of Labrador and Iceland are perhaps the most rare. There are also eggs of more than thirty specimens of raptores from the United States, Canada, Mexico, Europe, and Asia.



The ostrich eggs from Africa and the penguin from South America are among the most valuable.

We would take this occasion to request any friends of the College, who have material to spare for a cabinet, to donate or deposit it. In either case they will be duly credited, and the specimens will be well cared for and freely used in different departments.

### *College Organizations*

The Henry Clay and Websterian are composed of young men, and the Philomathean and the Zatasian of the young women.

**LITERARY SOCIETIES** These societies afford an opportunity for the development of the power of extemporaneous speaking, for training in parliamentary rules, and general culture. The efforts which have been made for improvement during the year are worthy of praise.

While under the control of the denomination of Friends, Guilford College is non-sectarian. In accordance with the purpose of the founders, the religious life of the institution has ever been fostered with earnest solicitude, and its religious influence has been positive and in harmony with evangelical Christianity.

Aside from Christian character, no amount of intellectual training can prepare young men and women for usefulness in life. The College, therefore, regards

it of the utmost importance that a positive, healthy, religious life be maintained.

Each school day is entered upon with devotional exercises, in which, by reading from the Bible or other suitable works, or by brief talks and such other exercises as seem most appropriate, special effort is made to promote holiness of life.

All students are required to attend the regular meetings for worship held once a week. Prayer meetings are held each week.

The Young Men's Christian Association, and also the Young Women's, have a large active membership, and exercise a strong and wholesome religious influence. These associations conduct Bible classes, missionary study classes and hold religious meetings; all of which are helpful in maintaining an active religious interest throughout the student body.

The Joseph Moore Science Club was organized a few years ago to offer opportunity to students and members of the faculty who wish to do special work in science. Meetings are held every two weeks, at which lectures are given or discussions held on important phases of modern science.

For the purpose of stimulating interest in literary matters outside the curriculum proper, there is an organization known as the Guilford College Literary Club, which meets every second week during the school year. The meetings are informal, and are participated in by both students and members of the faculty.

The Biblical Research Society is composed of members of the faculty and advanced students. The society meets bi-weekly, when papers are read and discussion held on Biblical topics.

The Biblical Seminar is an organization of young men, who hold bi-weekly meetings and devote themselves to discussion of topics relating to the work of the Christian ministry.

The Athletic Association is an organization whose purpose is to have oversight of the athletic interests of the College, embracing all the forms of physical culture maintained at the College, as baseball, basket-ball, lawn tennis, and track athletics.

The Alumni Association is organized with the following officers: President, Jos. D. Cox, '04; Vice-President, Eugene J. Coltrane, '07; Secretary, Margaret Davis, '09; Treasurer, A. A. Dixon, '09; Registrar, Julia S. White, '91.

The purpose is to extend aid to the College in various ways.

A loan fund has been created by the Association for assisting students.

The Association has committees on Athletics, the Campus, Literary Productions, all of which, with the Executive Committee, are engaged throughout the year. The President's address each year at the meeting held in commencement week, as well as the annual oration, has often served to awaken a more general interest in the affairs of the College. The Association publishes the August Bulletin, in which reports of the year's proceedings can be found.

### *Scholarships*

Bryn Mawr College offers yearly to the young woman of the graduating class making the highest average grade a scholarship of the value of four hundred dollars.

**BRYN  
MAWR**

The candidate is selected on the ground of excellence in scholarship, and must have been a student of Guilford at least two years.

Haverford College offers annually to the young man of the graduating class making the highest average grade a scholarship of three hundred dollars. No one will be considered eligible as a candidate who has not been a student at Guilford College at least two years.

**HAVERFORD**



The Class of 1904, in memory of their esteemed member, Marvin Hardin, whose beautiful life amongst us was brought to a close in October, 1907, have endowed an annual tuition scholarship; the same to be awarded to the sophomore making the best average in the sophomore studies, said amount to be available in the spring of the senior year, and only upon the condition that the student winning the money remain at Guilford during the junior and senior years.

### *Prizes*

The four literary societies, the Websterian, the Henry Clay, the Philomathean, and the Zetasian, each award two prizes every year—an orator's prize and a prize for improvement. These incentives to improvement in debate and composition serve a good purpose in promoting the literary interests of the membership.

The Class of 1905 have established a prize to be awarded each year to the member of the freshman class who delivers the best declamation at a contest held near the close of the year.

A prize of ten (\$10.00) dollars, open to all undergraduates and graduates, is offered annually for the best paper, oration or lecture on "College Patriotism and the Means of Securing It."

The prize will be awarded at each commencement. Competitors are urged to discuss the subject on the basis of facts and to avoid mere theories and "fine" writing.

No production will be considered in competition for this prize which contains less than fourteen (1,400) hundred words and which does not give evidence of a study of conditions as they exist in Guilford College.

The committee of award shall consist of the Professors of English and History and a third member to be selected by the President of the College.

### *Honors*

Members of the freshman and of the sophomore classes, pursuing a regular amount of work, whose grades do not fall below 90 per cent. in any subject, shall be entitled to "Honors".

Members of the junior class who receive an average grade of 95 per cent. in their major work and do not receive a grade below 90 per cent. in any subject, shall be entitled to "Special Honors".

Those members of the senior class who have received "Special Honors" in their junior year, and

whose average grade in the senior year does not fall below 95 per cent., shall be entitled to "Highest Honors".

No honors shall be bestowed upon a student whose deportment is unsatisfactory.

### *Journal*

In addition to the regular literary work the societies of the College have for the past twenty-four years sustained the "GUILFORD COLLEGIAN", a journal that occupies a creditable position among college publications.

THE COLLEGIAN gives its readers some insight into the student life at the College. It is also a means of developing a taste for literary work and facility in composition on the part of those engaged in its editing.

## EXPENSES

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The statement below embraces the entire necessary cost of attendance at Guilford College, except for books and stationery. No attempt is made to make a student's expenses appear less than they will actually be.

### *College Department*

Board, tuition and laundry, each term .....\$104.50

Payable in advance as follows:

September 9th .....	\$55.00
November 8th .....	49.50
January 24th .....	55.00
March 28th .....	49.50

### *Preparatory Department*

Board, tuition and laundry, each term .....\$ 99.50

Payable in advance as follows:

September 9th .....	\$53.00
November 8th .....	46.50
January 24th .....	53.00
March 28th .....	46.50

These figures, \$209.00 or \$199.00 for a year, cover all charges for comfortably furnished rooms in Arch-



dale Hall, Y. M. C. A., or on the third floor of Founders Hall, two students in a room, single spring beds, one 16 c. p. electric light, fuel, board, laundry, bath, use of nursery in case of sickness, and tuition in all regular courses. In case of protracted sickness a charge will be made for medical treatment.

### *Tuition per Term*

In College Department, first payment .....	\$17.50
In College Department, second payment .....	15.00
In Preparatory Department, first payment ..	15.00
In Preparatory Department, second payment..	12.50

### *Extra Charges per Term*

Room rent on second floor Founders, extra for each student .....	\$ 5.00
Room rent in Cox Hall, extra for each student	8.00
Chemistry A .....	3.00
Chemistry I and IV .....	5.50
Other Courses in Chemistry .....	7.50
Biology .....	2.50
Astronomy .....	1.00
Surveying .....	1.00
Physiology .....	.50
Physics A .....	3.00
Other Courses in Physics .....	5.00
Bookkeeping or Banking .....	10.00

Domestic Science—Sewing .....	5.00
Domestic Science—Cooking .....	5.00

Persons rooming alone are charged extra.

All extra charges and fees are due in the first payment of each term.

Meals to the sick in rooms, except in nursery, will be charged extra.

A graduation fee of \$5.00 is charged at the close of the college course.

Students who have their laundry done at home and who are absent from the College each week from Friday evening to Monday morning are allowed \$10.00 reduction each term.

No reduction will be made for absence for the first two weeks at the beginning or for the last two weeks at the close of a term.

### *Charges for Music*

Piano, half-hour lessons twice a week, per term.	\$20.00
Voice culture, half-hour lessons twice a week, per term .....	20.00
Piano or Voice, half-hour lessons once a week, per term .....	12.50
Harmony and Musical History, per term ....	2.50
Use of piano for practice, one period daily, per term .....	2.50
Each additional period, per term .....	2.00
Certificate for graduation in Music .....	2.50

### *Club Rates for Board*

To meet the demands for cheaper living, arrangement has been made by which young men can furnish their own provisions and board at cost. A dining hall has been prepared for this purpose. The rooms in cottages are furnished with stoves, bedsteads, mattresses, chairs, tables, and electric lights. The charge of \$15.00 per term for each student covers room rent and wages of a cook in charge of dining-room and kitchen, and wood sawed right length for stove, electric lights and use of bath. The club must meet expense of splitting wood and bringing in wood and water for cook room, and each boy must keep his room swept. Provisions may be brought from home and their market value received in credit.

Under this plan of boarding, expense for board need not exceed cost for each student. Students who avail themselves of this system live well, and have the same advantages and are under the same regulations as those who board in the College.

If young men wish to board in the club and room in Archdale Hall or in the Y. M. C. A. Hall, the charge for room rent, laundry and cooking will be \$24.50 per term for each student.

Girls may enter New Garden Hall on the following terms: Each girl agrees to perform cheerfully and satisfactorily her allotted part of the household duties, to pay to the Treasurer of the College \$12.00 per term

room rent and to the Matron of New Garden Hall cost monthly, in advance, for board. Board may be paid in provisions at market prices or in money.

### *Payment of Bills*

**Payment of all bills for each term must be made in advance.**

Students, when they enter at mid-term, will be charged from the time of entering until the close of the term, except by special arrangement. In case a student is absent from College on account of protracted sickness of ten days or more a pro rata part of the money paid will be refunded on presentation of a physician's certificate that he is not able to return. If a student should leave the institution for any other cause or be expelled or suspended, he will forfeit the money advanced.

All communications relating to financial matters should be addressed to the Treasurer, George W. White.



## MISCELLANEOUS

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Within twenty-four hours after arrival at the College all students are required to meet the Treasurer and make satisfactory arrangement for the settlement of bills, and procure a registration card.

At the beginning of the term, students are expected to observe all the regulations of the College from the time of their arrival. Before taking meals in the dining-room they must enroll their names upon the register in the Treasurer's office. A strict observance of this regulation is expected.

Students who prefer to do so may board and lodge elsewhere than in the college buildings, at such places as are satisfactory to the faculty, and under such regulations and restrictions as may be prescribed.

Students engaging rooms at the beginning of any term are not at liberty to withdraw to any other boarding place during that term.

The privilege of the bath-rooms is not open to students who do not board in the College.

The fact that students board outside the College gives them no exemption from attendance upon study hours, morning collection, meetings for worship, Scripture classes, or lectures.

If any student wishes to have an open account for books, it is requested that a deposit of five dollars be

made to his or her credit in the book and stationery department. A full statement of purchase can be secured at any time and balance due remitted to Mary E. W. White, who has charge of this department. The book store is open Monday, Wednesday, and Friday of each week, 8:00 to 9:00 a. m., and 1:00 to 2:00 p. m.

Boarders furnish the white linen and all covering for their beds, also their own soap, towels, and table napkins.

Great care in all the household arrangements is taken by the Matron for the accommodation and comfort of the students.

Each boarding student is allowed three meals each term free for his visiting friends.

Every student entering the College thereby pledges himself to obey faithfully its laws and regulations.

Special care should be taken to comply with the requirement that all articles of apparel be plainly marked with the name of the owner in full in indelible ink.

No student can have more than a reasonable amount of washing done without extra charge.

It is desirable that all students should be provided with overshoes and umbrellas.

Students upon arrival are expected to report at the President's office. For classification they will consult the Dean.

Rooms in the dormitories will be under the careful

daily inspection and supervision of the Matron of the College.

Each occupant is held responsible for the condition of his room, and is required to keep it in decent order.

Occupants are held responsible for disorders occurring in or issuing from a room, and any misappropriation, damage, or defacement of furniture or buildings beyond necessary wear and tear will be paid out of the Athletic Association Contingent Fund, unless settled by the person doing the damage as required.

Students are met at Guilford College station, on railroad leading from Greensboro to Winston-Salem, at the opening of each term, and conveyed to the College. For conveyance to and from the station, a moderate charge will be made to students, teachers, or visitors.

In order to secure safe and prompt delivery, express packages or postoffice money orders for students should be sent in care of Guilford College.

Telegraph and express offices are established at Guilford College railroad station.

The College has telephone connection with Greensboro and other points on the long distance line.

All students sustain a great loss who are not present at the opening of the term.

Applications for leave of absence, or for removal from College, should be made by the parent or guardian directly to the President. Parents who consult

the highest interest of their children will not call them out of school without some urgent reason.

While the management of the College will cordially provide for and encourage every kind of physical training, intercollegiate contests when permitted will be subject to such rules and regulations as the Advisory Board of Athletics may provide.

### *Discipline*

It is taken for granted that any student who enters the institution does so for the purpose of persistent work, and that he will render due respect to the regulations, all of which are designed to promote the general welfare of the College, and to give to each member thereof full opportunity to use the many advantages for study here offered.

Students are put upon their honor, and great pains taken to maintain with all a friendly and helpful relation. The coöperation of all is sought.

If a student shows little or no inclination to study, or fails to coöperate with the faculty in maintaining good order, or engages in practices which are harmful in their influence over others, or to the reputation of the College, his parents or guardians will be informed of the facts and unless amendment be promptly made, he will be dismissed, or his parents requested to withdraw him.

The reading of pernicious literature, the use of intoxicating drinks, habitual indulgence in profane



language, carrying pistols or other dangerous weapons, would be considered grave offenses, and treated accordingly. Gunning is not allowed.

The effect of tobacco on the minds and bodies of the young is so injurious that the College desires to take all proper means to discourage its use, and will not allow it on the grounds or around the buildings. If any students persist in using it elsewhere, their standing will thereby be lowered and so entered on their records.

### *Donations and Bequests*

Any friends of Guilford College who wish to make donations for Special or General Endowment or to leave any bequest to the Trustees of Guilford College, are invited to correspond with President Hobbs.

#### **FORMS OF BEQUESTS**

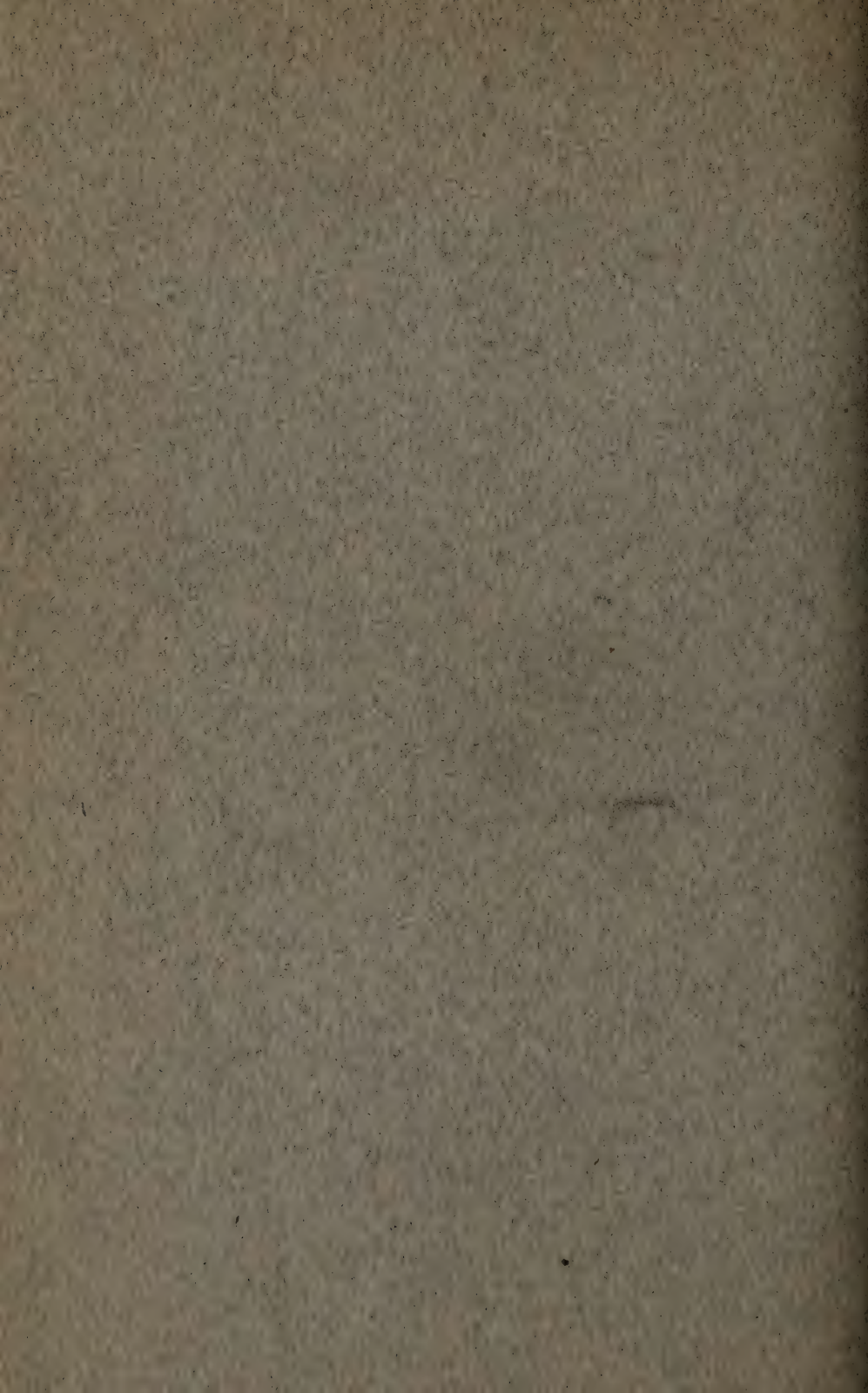
I give and bequeath to the Trustees of Guilford College, Guilford County, North Carolina, the sum of .....dollars, to be applied at the discretion of its trustees for the general purposes of said College.

I give and bequeath to the Trustees of Guilford College, Guilford County, North Carolina, the sum of .....dollars, to be safely invested by the trustees of said College and called the..... Scholarship Fund. The interest on this fund shall

be applied, at the discretion of the trustees of said College, to the aid of deserving students.

I give and bequeath to the Trustees of Guilford College, Guilford County, North Carolina, the sum of .....dollars, to be safely invested by the trustees of said College as an endowment for the support of Professorship for ..... in said College.







3-14

VOL. VII

FIFTH MONTH, 1914

No. 1

# Guilford College Bulletin



## CATALOGUE NUMBER

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# Guilford College Bulletin

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EDITORS:

THE PRESIDENT AND COMMITTEE OF THE FACULTY

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CATALOGUE NUMBER  
1913-1914

PUBLISHED QUARTERLY BY GUILFORD COLLEGE  
GUILFORD COLLEGE, N. C.



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DECEMBER											
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6	7	8	9	10	11	12					
13	14	15	16	17	18	19					
20	21	22	23	24	25	26					

1915													
JANUARY						JULY							
S	M	T	W	T	F	S	S	M	T	W	T	F	S
..	3	4	5	6	7	1 2	..	4	5	6	7	1 2	3
10	11	12	13	14	15	16	11	12	13	14	15	16	17
17	18	19	20	21	22	23	18	19	20	21	22	23	24
24	25	26	27	28	29	30	25	26	27	28	29	30	31
31	..	..	..	..	..	..	..	..	..	..	..	..	..
FEBRUARY						AUGUST							
..	1	2	3	4	5	6	1	2	3	4	5	6	7
7	8	9	10	11	12	13	8	9	10	11	12	13	14
14	15	16	17	18	19	20	15	16	17	18	19	20	21
21	22	23	24	25	26	27	22	23	24	25	26	27	28
28	..	..	..	..	..	..	29	30	31	..	..	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
MARCH						SEPTEMBER							
..	1	2	3	4	5	6	..	..	..	1	2	3	4
7	8	9	10	11	12	13	5	6	7	8	9	10	11
14	15	16	17	18	19	20	12	13	14	15	16	17	18
21	22	23	24	25	26	27	19	20	21	22	23	24	25
28	29	30	31	..	..	..	26	27	28	29	30	..	..
..	..	..	..	..	..	..	..	..	..	..	..	..	..
APRIL						OCTOBER							
..	..	..	..	1	2	3	..	..	..	..	1	2	..
4	5	6	7	8	9	10	3	4	5	6	7	8	9
11	12	13	14	15	16	17	10	11	12	13	14	15	16
18	19	20	21	22	23	24	17	18	19	20	21	22	23
25	26	27	28	29	30	..	24	25	26	27	28	29	30
..	..	..	..	..	..	..	31	..	..	..	..	..	..
MAY						NOVEMBER							
..	..	..	..	..	..	1	..	1	2	3	4	5	6
2	3	4	5	6	7	8	7	8	9	10	11	12	13
9	10	11	12	13	14	15	14	15	16	17	18	19	20
16	17	18	19	20	21	22	21	22	23	24	25	26	27
23	24	25	26	27	28	29	28	29	30	..	..	..	..
30	31	..	..	..	..	..	..	..	..	..	..	..	..
JUNE						DECEMBER							
..	..	1	2	3	4	5	..	..	..	1	2	3	4
6	7	8	9	10	11	12	5	6	7	8	9	10	11
13	14	15	16	17	18	19	12	13	14	15	16	17	18
20	21	22											



## Calendar 1914-1915

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1914. April 18—Saturday, 8 p. m.,  
Oratorical Contest—Websterian Society.  
April 25—Saturday, 8 p. m.,  
Oratorical Contest—Philomathean Society.  
May 9—Saturday, 8 p. m.,  
Oratorical Contest—Henry Clay Society.  
May 23—Saturday, 8 p. m.,  
Oratorical Contest—Zatasian Society.  
May 30—Saturday, 8 p. m.,  
Music Recital.  
June 2—Tuesday,  
Commencement Day.

### *Seventy-Eighth Academic Year*

1914. September 8—Tuesday,  
Entrance Examinations, 9 a. m., and 2 p. m.  
September 9—Wednesday, 9 a. m.,  
Fall term begins.  
November 7—Saturday,  
Midterm Examinations.  
November 26 and 27—Thursday and Friday,  
Thanksgiving Holidays.  
December 19—Saturday, 7:30 p. m.,  
Music Recital.  
December 23 to  
1915. January 5, inclusive, } Christmas Vacation.  
January 19 to 23—Tuesday to Saturday,  
Midyear Examinations.  
January 23—Saturday,  
Fall Term closes and Spring Term begins.  
March 27—Saturday,  
Midterm Examinations.  
April 5—Monday,  
Easter Holiday.  
May 29—Saturday, 8 p. m.,  
Music Recital.  
June 1—Tuesday,  
Commencement.

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W. H. Worth .....	Greensboro, N. C.
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John B. Griffin .....	Woodland, N. C.

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Roxie D. White .....	Guilford College, N. C.
Mary M. Petty .....	Greensboro, N. C.
Mary D. Cox .....	High Point, N. C.
Mary E. M. Davis .....	Guilford College, N. C.
Priscilla B. Hackney .....	Greensboro, N. C.
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Gertrude W. Mendenhall .....	Greensboro, N. C.

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*On Committee to Confer with Committee from Yearly Meeting*—J. S. Cox, N. C. English, C. P. Frazier.

## FACULTY

---

LEWIS LYNDON HOBBS, A. M., LL. D.,

PSYCHOLOGY AND LOGIC

A. B., Haverford College, 1876; A. M., Haverford College, 1883; LL. D., University of North Carolina and of Haverford College, 1908; Principal New Garden Boarding School, 1878-1884; President Guilford College since 1888.

JAMES FRANKLIN DAVIS, A. M.,

GREEK AND GERMAN

A. B., Haverford College, 1875; A. M., Haverford College, 1879; Graduate Student Johns Hopkins University in German and Greek, 1877; Student in Germanic Philology, Universities Leipzig and Strasburg, 1879-1880; Assistant Professor Haverford College, 1877-1879; Professor of Greek and German Languages, Guilford College, since 1888.

H. LOUISA OSBORNE, A. B.,

LATIN AND MATHEMATICS

A. B., Earlham College, 1887; Student State Normal of Indiana, 1887-1888; Student Chautauqua, New York, Summers 1888-1895, 1902-1904-1909; Teacher Vermillion Academy, Ill., and Bloomingdale Academy, Ind., 1888-1892; Assistant in Latin and Mathematics, Guilford College, since 1892.

GEORGE WILSON WHITE, A. B.,

MATHEMATICS

A. B., Haverford College, 1878; Principal Sunbury Academy, N. C., 1878-1880; Principal Belvidere Academy, 1880-1883; Principal New London High School, Ind., 1883-1884; Principal Central Academy, Ind., 1885-1892; Professor of Mathematics, Guilford College, since 1893.



RAYMOND BINFORD, S. M., PH. D.,

BIOLOGY AND GEOLOGY

B. S., Earlham College, 1901; S. M., University of Chicago, 1906; Fellow in Johns Hopkins University, 1911-1912; Ph. D., Johns Hopkins University, 1912; Scientific Assistant at United States Fisheries Laboratory, Beaufort, N. C., Summers 1908-1911; Instructor in Invertebrate Zoology, Marine Biological Laboratory, Woods Hole, Mass., Summers 1912-1913; Professor of Biology and Geology, Guilford College, since 1901.

CLEMENT ORESTES MEREDITH, A. B., PH. D.,

LATIN

A. B., Guilford College, 1900; A. B., Haverford College, 1901; Chautauqua, New York, Summer 1901; Principal Guilford Graded School, North Carolina, 1901-1902; Scholar in Latin, Greek and French, Johns Hopkins University, 1906-1908; Student of Classical Philology in University of Berlin, 1909-1910; American School at Rome, Spring 1910; Ph. D., Johns Hopkins University, 1912; Professor of Latin, Guilford College, since 1902.

DUDLEY DEWITT CARROLL, A. B.,

HISTORY AND ECONOMICS

A. B., Guilford College, 1907; A. B., Haverford College, 1908; Principal Mountain View Institute, 1908-1909; Graduate Student in Columbia University, Summers 1910-1912; Professor of History and Economics, Guilford College, since 1909.

ALLAN WILSON HOBBS, A. B.,

MATHEMATICS

A. B., Guilford College, 1907; A. B., Haverford College, 1908; Graduate Student Columbia University, Summer 1909; Graduate Student University of Chicago, Summer Quarter 1910; Physical Director and Assistant in Mathematics, Guilford College, 1909-1911; Scholar in Mathematics and Physics, Johns Hopkins University, 1911-1913; Professor of Mathematics, Guilford College, 1913-1914.

MARIAN BRIGHAM RUSTEDT, PH. B.,

FRENCH AND ASSISTANT IN HISTORY

Ph. B., University of Vermont, 1898; Teacher of Language in Vermont, New York and Massachusetts; French and Assistant in History, Guilford College, since 1910.

## ALPHEUS DIXI CROSBY, A. B.,

## ENGLISH

- A. B., Dartmouth College, 1910; Instructor in English, French and Mathematics, Poughkeepsie High School, New York, 1910-1911; Professor of English Literature, Guilford College, since 1911.

## ALFRED ALEXANDER DIXON, A. M.,

## PHYSICS

- B. S., Guilford College, 1909; A. M., Haverford College, 1911; Assistant in Physics Laboratory at Haverford College, 1909-1911; Professor of Physics and Assistant in Mathematics, Guilford College, since 1911.

## JOHN STEELE DOWNING, A. M.,

## CHEMISTRY

- B. S., Haverford College, 1911; Assistant in Chemistry, *ibid.*, 1911-1912; A. M., *ibid.*, 1912; Professor of Chemistry, Guilford College, since 1912.

## JOSEPH H. PEELE, B. S.,

## ASSISTANT IN ENGLISH

- B. S., Guilford College, 1891; Principal Guilford Graded School, N. C., 1909-1911; Student Summer School, Knoxville, Tenn., 1911; Emerson College of Oratory, Boston, Mass., 1911-1912; Assistant in English and Professor of Public Speaking, Guilford College, since 1912.

## JOSEPHINE L. RHOADES,

## MUSIC

Certificate of Proficiency, University of Pennsylvania, 1901; Director of Music, Williamston College, Williamston, S. C., 1902-1905; Student in Singing, Herbert Wilbur Greene, New York City, Summers 1901-1902-1903; Student in Music Pedagogy, Mrs. Fletcher Copp, Boston, Mass., Summer 1906; Associate Instructor in School Music Education, English Speech and Expression, Philadelphia, 1905-1910; Director of Music, Harcourt Place School, Gambier, Ohio, 1910-1913; Student, Brussels Conservatoire, Summer 1912.

## HAZEL IRENE HARMON, A. B.,

## VOCAL MUSIC

## RACHEL E. FARLOW,

## DOMESTIC SCIENCE

## CHARLES GLENN DOAK,

## PHYSICAL DIRECTOR

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### LECTURES AND DEBATES

D. D. Carroll, Raymond Binford, Louisa Osborne, A. A. Dixon

### CATALOGUE

C. O. Meredith, A. W. Hobbs, Geo. W. White, Marian B. Rustedt, Raymond Binford



INTERSCHOLASTIC CONTESTS

D. D. Carroll, C. O. Meredith, A. A. Dixon

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J. H. Peele, Geo. W. White, Sarah E. Benbow, Raymond Binford

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Louisa Osborne, Marian B. Rustedt, D. D. Carroll,  
Sarah Benbow

ATHLETIC

A. W. Hobbs, C. O. Meredith, C. G. Doak

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A. D. Crosby, D. D. Carroll, Julia S. White

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D. D. Carroll, A. D. Crosby, A. W. Hobbs, H. Louisa Osborne,  
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Barber, J. Wade	Pittsboro, N. C.
Benbow, Charles Frank	East Bend, N. C.
Carroll, Hardy Abram	Mizpah, N. C.
Coble, Irma Kathleen	Liberty, N. C.
Crutchfield, Mary Alma	Guilford, N. C.
Doughton, Martha Rebecca	Guilford College, N. C.
East, Helen Clare	Eastport, L. I., N. Y.
Finch, Alfred Brown	Trinity, N. C.
Fox, Mary Willard	Guilford College, N. C.
Futrell, Maude Blanche	Greensboro, N. C.
Helms, Frances Virginia	Unionville, N. C.
Henley, David Elias	Guilford College, N. C.
Henley, Fred Murdoch	Salisbury, N. C.
Johnson, Harris Guthrie	Riley's Store, N. C.
Körner, Estelle Gertrude	Kernersville, N. C.
Lewis, Eilene	Ivor, Va.
Lindley, Silas Jerome	Snow Camp, N. C.
McBane, Edgar Holt	Saxapahaw, N. C.
Nelson, Samuel Snow	Edgar, N. C.
Nunn, Paul Schoolfield	Guilford, N. C.
Pearson, Earl Whittier	Dudley, N. C.
Perry, Matthew White	Durants Neck, N. C.
Pike, Cathline Marion	Liberty, N. C.
Shore, Ernest Grady	East Bend, N. C.
Smith, Sarah Olive	Yorkville, S. C.
Webster, William Dampier	Haw River, N. C.
Worth, Clara Louise	Guilford College, N. C.
White, Mary E. Mendenhall	Guilford College, N. C.
White, William Alpheus, Jr.	Guilford College, N. C.
Younts, Pearle Annie	Guilford College, N. C.

## JUNIORS

Brown, Joseph Robert	Woodland, N. C.
Culler, Maude Lee	Rock Creek, N. C.
Dix, Burtie Ellen	Westfield, N. C.
Dixon, Blanche	Elkin, N. C.
Doan, Mary	Amo, Ind.
Dorsett, Kathryn Ella	Farmer, N. C.
Edgerton, Mabel Arlene	Goldsboro, N. C.
Highfill, Gladys May	Liberty, N. C.
Knight, Louetta Ellen	Guilford College, N. C.
Lassiter, Alma	Mechanic, N. C.
Patterson, Cleta	Burlington, N. C.
Raiford, Girley Emerson	Guilford College, N. C.
Stewart, Carl Watson	Trenton, Tenn.
Wood, Joseph Densmore	Tamworth, N. H.

## SOPHOMORES

Ballinger, Julia Adaline	Greensboro, N. C.
Blaylock, Frederick Royster	Guilford, N. C.
Coble, Josephine Vestal	Liberty, N. C.
Coggins, Willis Lester	Guilford College, N. C.
Davis, Laura Etta	Progress, N. C.
Dawson, Maude Sedalia	Guilford College, N. C.
Dawson, Pearle Ulelia	Guilford College, N. C.
Fox, Eleanor Louise	Guilford College, N. C.
Guthrie, Bessie Ava	Snow Camp, N. C.
Holliday, Maggie Irma	Snow Camp, N. C.
Hubbard, Hope	Farmer, N. C.
Lambeth, Charles Tilley	Guilford College, N. C.
Lassiter, Floy Catherine	Fallston, N. C.
Mitchell, Colonel Robert	Guilford College, N. C.
Morris, Fred	Kernersville, N. C.
Perry, Thomas Gray	Wilkesboro, N. C.
Riddick, Archibald Lockhart	High Point, N. C.
Semans, Thomas Breckenridge	Uniontown, Pa.
Short, Troy Rodolphus	Greensboro, N. C.
Smith, Kate Brittain	Summerfield, N. C.
Stanley, Jesse Betts	Guilford College, N. C.

**SOPHOMORES—Continued**

Stuart, Lyndon Everett .....	Snow Camp, N. C.
Thompson, Redding Aycock .....	Aurora, N. C.
Worth, Phoebe Gertrude .....	Guilford College, N. C.
Yates, Caroline Ballinger .....	Guilford, N. C.
Yates, James Fuller .....	Guilford, N. C.

**FRESHMEN**

Alexander, Paul Ward .....	Thomasville, N. C.
Armstrong, Hazel Graham .....	Hobgood, N. C.
Beeson, John Henry .....	Randleman, N. C.
Beeson, Pervis Hubbard .....	Friendship, N. C.
Brendall, Lillian Gertrude .....	Guilford College, N. C.
Brendall, Joseph Henry, Jr. ....	Guilford College, N. C.
Briggs, Isla Evelyn .....	High Point, N. C.
Brinkley, Walter Foil .....	Lexington, N. C.
Budd, Harrell .....	Siler City, N. C.
Bulla, John Arthur .....	Sophia, N. C.
Caffey, Beatrice Moore .....	Summerfield, N. C.
Carroll, Edwin Blaine .....	Mizpah, N. C.
Clegg, Agnes Marie .....	Guilford College, N. C.
Coble, Lovella Ruth .....	Guilford College, N. C.
Copeland, Mary Ella .....	Woodland, N. C.
Cox, Luna Ellen .....	High Point, N. C.
Deans, Orabella .....	Pikeville, N. C.
Doggett, Merlin .....	Brown Summit, N. C.
Doggett, William Osborne .....	Brown Summit, N. C.
Dupree, Thomas Byrd .....	High Point, N. C.
Edwards, Mallie Preston .....	Goldsboro, N. C.
English, Mary Stevens .....	Monroe, N. C.
Faucette, Agnes Rea .....	Burlington, N. C.
Fox, Bertha Browning .....	Guilford College, N. C.
Garner, Jesse Philip .....	Hill's Store, N. C.
Gray, Benjamin Huske .....	Winston-Salem, N. C.
Gray, Lillene Oma .....	High Point, N. C.
Henley, Virginia .....	Asheboro, N. C.
Hinkle, Paul .....	Lexington, N. C.
Hodgin, Ira DeVane .....	Greensboro, N. C.



**FRESHMEN—Continued**

Hodgin, Willard Scott .....	Randleman, N. C.
Johnson, Jeremiah Robert .....	Riley's Store, N. C.
Jones, John Benbow .....	Winston-Salem, N. C.
Kanoy, William Clarence .....	Biscoe, N. C.
King, Nannie Beatrice .....	Asheboro, N. C.
Lassiter, Maude Elizabeth .....	Mechanic, N. C.
Long, James Monroe, Jr. ....	Milton, N. C.
Long, William Taylor .....	Milton, N. C.
McGehee, Sallie Rachel .....	Jamestown, N. C.
Martin, Clyde Bertram .....	Gulf, N. C.
Mason, Milton Percy .....	New York, N. Y.
Mendenhall, Fowell Hill .....	High Point, N. C.
Mendenhall, John William .....	High Point, N. C.
Miller, Wayne .....	Asheboro, N. C.
Moore, Ezra Alexander .....	Dudley, N. C.
Newby, Ernest Everett .....	Asheboro, N. C.
Newlin, Rhesa Lancaster .....	Saxapahaw, N. C.
Nichols, William .....	Roxboro, N. C.
Outland, Pauline .....	Woodland, N. C.
Parks, William Haywood .....	Franklinville, N. C.
Phillips, Clifford Hamilton .....	Lexington, N. C.
Price, Thomas Ashby, Jr. ....	Miami, Fla.
Raper, William Emery .....	Lexington, N. C.
Redding, Charles Clifton .....	High Point, N. C.
Richardson, Sara .....	High Point, N. C.
Roddick, James Alexander .....	Winston-Salem, N. C.
Shamburger, Mary Ina .....	Star, N. C.
Slate, Thomas Gorrell .....	Mizpah, N. C.
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Sprinkle, Elsie .....	Winston-Salem, N. C.
Stanley, Leah Ellen .....	Guilford College, N. C.
Stanley, Ruth Rebecca .....	Guilford College, N. C.
Stewart, Robert Marshall .....	Trenton, Tenn.
Strayhorn, Lionel .....	Thomasville, N. C.
Swan, Hugh Guion .....	Bayboro, N. C.
Taylor, Grace Pemberton .....	Danbury, N. C.

**FRESHMEN—Continued**

Tuthill, Marguerite Theresa .....	Eastport, L. I., N. Y.
Waggoner, Ernest Gerald .....	Walkertown, N. C.
Waggoner, Robert Spencer .....	Walkertown, N. C.
Ward, Cletus Milo .....	Guilford College, N. C.
Watkins, Catherine Elmira .....	Wadeville, N. C.
Williard, Stacie Lea .....	Jamestown, N. C.

**IRREGULARS**

Avery, Harold .....	Salisbury, N. C.
Blackburn, Mildred Hill .....	Guilford College, N. C.
Campbell, May .....	Friendship, N. C.
Edwards, Robert Lee .....	Guilford, N. C.
Futrell, William Reed .....	Greensboro, N. C.
Hinshaw, Clifford Reginald .....	Randleman, N. C.
Hodgin, Waldeen .....	Guilford College, N. C.
Knight, Josie .....	Guilford College, N. C.
Knight, Nellie .....	Guilford College, N. C.
Lambeth, Fetna Tilley .....	Guilford College, N. C.
Saunders, Annie .....	Monbo, N. C.
Smith, Henry Clyde .....	Summerfield, N. C.

**PREPARATORY**

Andrews, Mary Frances .....	Greensboro, N. C.
Andrews, Mary Margaret .....	Archdale, N. C.
Armstrong, Edward Lander .....	High Point N. C.
Armstrong, John Robert .....	Greensboro, N. C.
Ballinger, Webster .....	Guilford College, N. C.
Blanchard, Marguerite Cora .....	Woodland, N. C.
Bobbitt, Thelma .....	Henderson, N. C.
Boone, Ina Mae .....	Stokesdale, N. C.
Brown, Grady .....	Trinity, N. C.
* Budd, Earle .....	Siler City, N. C.
Bulla, D. Robert .....	Sophia, N. C.
Bulla, Daniel Robert .....	Sophia, N. C.
Byerly, Frances May .....	Advance, N. C.
Cameron, Angus Ewen .....	Southern Pines, N. C.
Campbell, Mary .....	Friendship, N. C.

## PREPARATORY—Continued

Campbell, Ola Carolin .....	Friendship, N. C.
Cartland, Herbert .....	Greensboro, N. C.
Cecil, Jessie Elizabeth .....	High Point, N. C.
Chance, Robert Bailey, Jr. ....	Reidsville, N. C.
Cobb, Lloyd .....	Reidsville, N. C.
Coltrane, Ruth .....	Sophia, N. C.
Copeland, Elton Alexander .....	Guilford College, N. C.
Cox, Anna Mary .....	Goldsboro, N. C.
Cox, Emin Foster .....	Goldsboro, N. C.
Dawson, Mabel .....	Guilford College, N. C.
Deal, Robert Bonniwell .....	Randleman, N. C.
Doughton, Joseph Edward .....	Guilford College, N. C.
Edwards, James Ennis .....	Goldsboro, N. C.
Edwards, Lola May .....	Goldsboro, N. C.
Farlow, John Bright .....	Sophia, N. C.
Farlow, Lewis Lee .....	Randleman, N. C.
Farlow, Percy Mark .....	Randleman, N. C.
Fitzgerald, Paul Vincent .....	Pelham, N. C.
Fowlkes, Robert Jerry .....	Yanceyville, N. C.
Freeman, Tracy Ray .....	Steeds, N. C.
Freeman, Wilhelmina .....	Trinity, N. C.
Furches, Jesse Collen .....	Statesville, N. C.
Gentry, Mary Joe .....	Stokesdale, N. C.
Geslain, Martha Marguerite .....	Tientsin, China
Goodall, Effie .....	Albemarle, N. C.
Gorrell, Robert Percy .....	Greensboro, N. C.
Grant, Mary Lyons .....	Greensboro, N. C.
Groome, Ethel Alice .....	Greensboro, N. C.
Hadley, Elsie .....	Snow Camp, N. C.
Herbin, Elizabeth Marie .....	Summerfield, N. C.
Hester, Clinton Siewers .....	Greensboro, N. C.
Hines, Annie Myrtle .....	Greensboro, N. C.
Hobbs, Gertrude Mendenhall .....	Guilford College, N. C.
Holton, Frank Petty .....	Winston-Salem, N. C.
Holton, John Watson .....	Winston-Salem, N. C.
Hopkins, James William, Jr. ....	Brown Summit, N. C.
Jackson, David Houghton .....	Guilford, N. C.



## PREPARATORY—Continued

Jones, Allen Jay	Trinity, N. C.
Joyner, Wilbur Murphy	Greensboro, N. C.
Kendall, Hale	Guilford, N. C.
King, John Clayton	Greensboro, N. C.
Kinney, Clark Mills	Thomasville, N. C.
Kirkman, Shubal Coffin	High Point, N. C.
Knight, James Samuel	Stokesdale, N. C.
Knight, Ora Jane	Stokesdale, N. C.
Knight, Stella Maud	Stokesdale, N. C.
Lee, Katie	Dunn, N. C.
Lindley, Benjamin Jacob	Guilford College, N. C.
Lloyd, William Graham	Saxapahaw, N. C.
Long, Earle	Milton, N. C.
May, Lily	Morven, N. C.
Mitchell, James Warren	Guilford College, N. C.
Moffitt, Clada	Asheboro, N. C.
Moorefield, George Henry	Guilford College, N. C.
Morgan, Samuel Bradshaw	Caraway, N. C.
Motsinger, Eulalia	Winston-Salem, N. C.
Murrow, Joshua Edgar	Greensboro, N. C.
Nicholson, Daisy	Hamptonville, N. C.
Nicholson, Sibyl Darden	Greensboro, N. C.
Nixon, Henry Early	Edenton, N. C.
Nixon, Mordecai Morris	Edenton, N. C.
Osborne, Dwight Hendrix	Greensboro, N. C.
Payne, Florence Irene	Westfield, N. C.
Payne, Nannie Eugenia	Westfield, N. C.
Robertson, Charles Gurney	White Plains, N. C.
Robertson, Emma	Pinnacle, N. C.
Russell, Earle Victor	Guilford College, N. C.
Saunders, Ruth	Monbo, N. C.
Shoaf, Harold	Lexington, N. C.
Smith, Anderson Jones	Black Creek, N. C.
Smith, Herman Dennis	Asheboro, N. C.
Smith, William Rockwell	Durham, N. C.
Smith, Samuel Clement	Guilford College, N. C.
Stuart, Lawrence	Guilford College, N. C.



## PREPARATORY—Continued

Stuart, Luther Lane .....	Guilford College, N. C.
Stuart, Pauline Efland .....	Guilford College, N. C.
Teague, Kirk Dixon .....	Liberty, N. C.
Thayer, Robert Wingate .....	Trinity, N. C.
Wall, Gwendolyn .....	Sophia, N. C.
Walters, Myrtle .....	Greensboro, N. C.
Ward, Claude Marvin .....	Pomona, N. C.
Ward, Vera .....	Guilford College, N. C.
West, Thagard .....	Greensboro, N. C.
Wheeler, Mary Louise .....	Guilford College, N. C.
White, Charles Sullivan .....	Buckshoal, N. C.
Williams, Oscar, Jr. ....	Greensboro, N. C.
Worth, Sarah Maie .....	Charlotte, N. C.
Yow, Ralph Johnston .....	Greensboro, N. C.

## MUSIC

Andrews, Mary Frances .....	Greensboro, N. C.
Armstrong, Hazel Graham .....	Hobgood, N. C.
Armstrong, John Robert .....	Greensboro, N. C.
Blackburn, Mildred Hill .....	Guilford College, N. C.
Bobbitt, Thelma .....	Henderson, N. C.
Boone, Ina Mae .....	Stokesdale, N. C.
Brendall, Lillian Gertrude .....	Guilford College, N. C.
Briggs, Isla Evelyn .....	High Point, N. C.
Bulla, Mary Allen .....	Randleman, N. C.
Campbell, Mary .....	Friendship, N. C.
Campbell, May .....	Friendship, N. C.
Campbell, Ola Carolin .....	Friendship, N. C.
Coble, Josephine Vestal .....	Liberty, N. C.
Cox, Luna Ellen .....	High Point, N. C.
Crutchfield, Hattie Eugenia .....	Guilford, N. C.
Dix, Burtie Ellen .....	Westfield, N. C.
English, Mary Stevens .....	Monroe, N. C.
Farlow, Beatrice Beulah .....	Randleman, N. C.
Faucette, Agnes Rea .....	Burlington, N. C.
Fox, Bertha Browning .....	Guilford College, N. C.
Fox, Eleanor Louise .....	Guilford College, N. C.

**MUSIC—Continued**

Gentry, Mary Joe .....	Stokesdale, N. C.
Goodall, Effie .....	Albemarle, N. C.
Grant, Mary Lyons .....	Greensboro, N. C.
Guthrie, Bessie Ava .....	Snow Camp, N. C.
Henley, David Elias .....	Guilford College, N. C.
Herbin, Elizabeth Marie .....	Summerfield, N. C.
Hines, Annie Myrtle .....	Greensboro, N. C.
Hobbs, Gertrude Mendenhall .....	Guilford College, N. C.
King, Nannie Beatrice .....	Asheboro, N. C.
Kinney, Clark Mills .....	Thomasville, N. C.
Körner, Estelle Gertrude .....	Kernersville, N. C.
May, Lily .....	Morven, N. C.
Mendenhall, Fowell Hill .....	High Point, N. C.
Outland, Pauline .....	Woodland, N. C.
Patterson, Cleta .....	Burlington, N. C.
Payne, Florence Irene .....	Westfield, N. C.
Payne, Nannie Eugenia .....	Westfield, N. C.
Robertson, Mabelle .....	Guilford College, N. C.
Smith, Chellie Lee .....	Guilford College, N. C.
Speas, Ethel Maie .....	Winston-Salem, N. C.
Sprinkle, Elsie .....	Winston-Salem, N. C.
Taylor, Grace Pemberton .....	Danbury, N. C.
Tuthill, Marguerite Theresa .....	Eastport, L. I., N. Y.

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\* Deceased.

## GUILFORD COLLEGE

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*History*

The Society of Friends was among the earliest religious bodies to organize a church in North Carolina. Their church records embrace a period of two hundred and fifteen years. In 1696-1698, John Archdale, an English Friend, was Governor of the Colony of North Carolina and South Carolina. George Fox, the founder of the Society of Friends, spent some time in North Carolina in 1672, and was received with great favor by the colonial officials.

The appeal which the Friends made to each individual in meetings for worship and in all church responsibility naturally called for an educated membership—a true democracy. Accordingly, we find among the Friends of our state early discussions of educational needs; and a concern arose in the Yearly Meeting in 1833 for better schools. The eloquent Jeremiah Hubbard pleaded for this cause, and Nathan Hunt, of sacred memory, took the subject under his protecting care. His appeals in behalf of a central school aroused the interest of many Friends in other states, and notably of George Howland of New Bedford, Mass. The decision was reached to found a

boarding school of high grade to meet the needs of the young people. As a result the present Founders Hall was erected, a substantial, two-story brick building, offering accommodations to both boys and girls.

The founders of the school were careful to select a central locality, and a place well reputed for healthfulness of climate and as free as possible from immoral influences or distractions of any kind. They chose a farm six and a half miles west of Greensboro, in a community of progressive, intelligent people. The school was opened on the first day of August, 1837, there being present the first term fifty students—twenty-five boys and twenty-five girls; and it has been operated from that day forward with no interruption, even during the Civil War.

Scarcely any one who knew New Garden Boarding School thirty or forty years ago and  
**FARM AND** who has not recently visited the old  
**CAMPUS** foundation made new by buildings  
and improved farm and campus, could picture the changed condition.

When twenty-nine years ago David Petty of Archdale, N. C., took charge of the farm, there was little to induce one to expect in the future such results as recent years have shown. David Petty was a farmer ahead of his time, and believed the red lands of Guilford could be improved by deep plowing and frequent cultivation. He inaugurated a system of land cul-



ture which immediately began to bear fruit. He dug up stumps, built the first silo in this part of the country, and began improvement on the land to the east of Founders Hall, which up to that time was almost worthless. Now one may see the five-acre field in alfalfa.

The dairy was developed under his management, and the dairy products became an important part of table supply and have remained so ever since. The herd of Jersey cattle thus gathered together have helped to enrich the soil, and the enriched soil has added to the crops of hay and corn. The present prospect is toward the stocking of a large part of the farm in grass which will not only yield feed for cattle, but will prevent loss of soil by washing rains, and combine more pleasingly with the campus and thus add to the general appearance of the location.

The aim now is to unify all the resources of the College and turn them to the greatest educational effect. Good farming is a product of better education; and the resources of our state in an agricultural way are to a large extent dormant, awaiting intelligence and energy to bring forth all the supplies needed by our people for consumption, and thus to be the means of vast wealth. Better farming will follow better education and more wealth will ensue, and in turn add more means to education which will begin another cycle of improvement and service.

In 1887, the demand for larger accommodations and a more extensive course of studies **REORGANIZATION** led to the organization of the institution into Guilford College, and a charter was obtained with authority to confer degrees. Previous to this time Founders Hall had been enlarged and remodeled and fitted for a girls' dormitory. To provide for a boys' dormitory and for class rooms and other academic requirements, the large Yearly Meeting house, erected a few years before, was donated by the Yearly Meeting to the school, and converted into a school building, with lodging rooms for young men on the second floor. This improvised building was destroyed by fire in 1885, and a new academic building was erected on the same foundation, and, in honor of Francis T. King of Baltimore, was named King Hall.

Archdale Hall was built at the same time as a dormitory for young men, and named in memory of the Quaker Governor, John Archdale.

The College began its course in the fall of 1888. During the fifty-two years of the school's existence, many distinguished scholars were engaged in teaching and there was early laid a foundation broad enough and deep enough to prevent in subsequent years any superficial display of pretentiousness, reliance being placed upon the power of inspiring students with the love of truth in the various fields of scholarship.

In this period efforts were made to secure endowment, increase the library and equip laboratories, and found a Museum of Natural History. From time to time additions were made to the permanent funds, English and Philadelphia Friends having supplied an amount equal to ten thousand dollars, now known as the Philadelphia Fund. Many contributions were given from year to year to lessen expenses of students. After the change to Guilford College, funds were solicited for buildings and for the increase of endowment.

In 1891 the Y. M. C. A. of the College made appeals for funds to build a hall, and the result was the erection of the present building.

**Y. M. C. A.  
HALL**

In 1897 Benjamin N. and James B. Duke, who were educated at the school, gave ten thousand dollars with which to erect a hall that would accommodate the Natural Science departments and also furnish an auditorium. The building was erected in the year stated, and named Memorial Hall, in memory of their sister, Mary Elizabeth Lyon.

**MEMORIAL  
HALL**

New Garden Hall was erected during the summer and fall of 1907, and was built by the Girls' Aid Committee of North Carolina Yearly Meeting to meet the needs of girls who desire an education and who are

**NEW GARDEN  
HALL**



willing to help themselves by lessening the expense of living. New Garden Hall has every convenience of a modern home—steam heat, well furnished rooms, large dining-room and well equipped kitchen. By doing their own work in caring for their rooms and in cooking by turns, the girls in this building live in much comfort and at a comparatively small expense. There are twenty-five rooms that will accommodate fifty girls. Besides, there are two rooms—one for a nursery and one for a nurse—and living rooms for a matron and a reception room, all well furnished, supplied with water and lighted by electricity.

In 1908 King Hall was destroyed by fire. This led to the erection of two new buildings—the Library and the rear of what is intended to be a commodious academic building.

The Library building is one of the most attractive of the College group. It is strictly  
**LIBRARY** modern in all its appointments, with a fire-proof stack room furnished with steel shelving. In addition to this there is a large vault in which are stored the valuable manuscripts of North Carolina Quaker annals.

The reading room is large, airy and well lighted—an ideal place for study. This room is furnished in light quartered oak—reference shelving, tables, periodical racks, desk and chairs all harmonizing with the oak finish of the building. The friezes and busts



recently purchased add much to the artistic effect of the interior.

There are nearly five thousand volumes in the Library, all of which, except about one thousand saved from the fire of January, 1908, have either been purchased or donated since the above named date. The primary object in the selection of books has been use, and, consequently, our facilities for reference work and supplementary reading are especially worthy of comment.

The Library is open daily to students and persons connected with the College. The subscription list not only includes many of our state dailies, but also a goodly number of the best magazines in general literature, as well as those representing special departments of school work. A few foreign publications are also on the list. The Library is well fitted to be what every library should be—the workshop of the College, the center of the intellectual life of the student body.

The rear extension of the proposed new King Hall contains space for eight class rooms  
**KING HALL** and a physics laboratory, and has in the basement the heating plant from which both this building and the Library are heated.

Cox Hall, a dormitory erected in 1912, furnishes  
**COX HALL** rooms—four in a group—for fifty-four young men. The arrangement of this building is ideal, and the accommodations are

strictly up-to-date, each room being supplied with running water, both hot and cold.

The new church—the Yearly Meeting house which was constructed in 1912 on the campus, **CHURCH** located opposite the Y. M. C. A. Hall—is used for the regular public religious meetings for the community and the College.

There is also a large gymnasium among the group of buildings, 50 x 76 feet, with gallery. **GYMNASIUM** It is supplied with apparatus and is much used for athletic training.

These ten buildings, planned and equipped with much care and expense, provide excellent means for conducting the work of the College; and attention is called to them as an indication of the growth of the College, as well as its promise of a continuance of solid educational work.

For young men, we have three dormitories, and also the cottages for those who desire to lessen living expenses; and for girls, Founders Hall and New Garden. Founders has recently been renewed entirely, except the walls and roof, and made a comfortable, up-to-date home for young women, the expense for which, including heat, has been nearly as great as would be required to erect a new building. New Garden was well planned from the start, and combines many

attractive features as well as the conveniences of a modern dormitory.

For academic work, we have Memorial Hall, containing two laboratories—the chemical and biological—the Museum of Natural History, auditorium, music rooms, two class rooms and the president's office, and the two buildings, the Library and King Hall, which afford good facilities for instruction and study.

To any one who will take time to think about it, the large outlay here represented will reveal a fine equipment for doing good work in the field of education; and these buildings will also show a remarkable expansion and a corresponding improvement made at Guilford College in recent years.

One should also take into consideration the location of these buildings, the large farm owned by the College and the athletic fields, especially the recent work done on the baseball ground, the making of a running track and the leveling of the inclosed circle to be used as a baseball field; and also the work done recently for the girls' athletic grounds, in the way of leveling and terracing their field west of New Garden Hall. Much more work is to be done in laying out tennis courts for the girls and in leveling the grounds and putting the same in grass, especially the terracing.

The farm has been conducted with a view to supply the boarding department with milk and butter, and the dairy has in this way served a very useful pur-



pose. The improvement of the soil has gone on from year to year. The electric plant and system of water supply give the place the conveniences of a city with the advantages of quiet surroundings conducive to study and simplicity of living.

These various and excellent arrangements have been made possible by the generosity and helpfulness of a large circle of friends of Guilford College, and everything has been done with a view to giving young people, young women as well as young men, a healthful and stimulating place at which to spend a few years in substantial educational work and training.

These material equipments represent a pretty large outlay of money and thought, and show that the management has in mind the development and maintenance of an education center that shall stand for all that is best in physical, intellectual and moral training. These buildings and their furnishings are intended to be a solid basis for genuine and thorough educational work, and to show to students and to the public that those who are most vitally responsible for the outcome and general effect of Guilford believe nothing is too good or too expensive that is to go into the moulding of the minds and characters of the young people of our country; that these people deserve the best possible opportunity to become all they are capable of becoming, for their own sakes and for the sake of all those whose lives they will in any way effect.

The location of the College, in the Piedmont Sec-



tion of the State, one thousand feet above sea, may be considered a part of the material equipment. The supply of pure water, from a well 364 feet deep, is a means of promoting good sanitary conditions, for nothing is more important in the production of strength of body, of mind and of character than environment. The air we breathe, the water we drink, and the food we consume and the total outlay of energy, thought and money should be so co-ordinated as to exert the greatest possible beneficial effect upon the body of young people whose immediate and future interests are at stake.

Every one needs a comfortable and safe place to live, a place in which the very atmosphere, figuratively speaking, will call the mind to the true and the beautiful and the good, and thus tend, in a very powerful way, to bodily and mental vigor, and to that ideal of religious activity in which one by losing one's life shall find it.

The encouragement to make still greater provision for the future which has been received  
**ENDOWMENT** from a wide circle of friends and philanthropists, has led to more earnest efforts to increase the efficiency of the College by adding to the permanent funds. From an early period the school has had assistance in a financial way; but in more recent years the donations to the endowment have been greatly augmented.

In 1905, an appeal was made to Andrew Carnegie and he responded by giving \$45,000 to be used as a permanent fund. The same year Dr. D. K. Pearsons gave to the College \$25,000 as an endowment to stand for the memory of his friend, Dr. Oliver Woodson Nixon of Chicago, who was a native of Guilford County, North Carolina. The same year, also, Benjamin N. and James B. Duke gave \$15,000 to the endowment, making their total donations to Guilford \$25,000. Among the benefactors is Samuel Hill, who gave \$5,000 in memory of his father, Nathan B. Hill, and \$6,000 subsequently for improvements in buildings and grounds. Dr. Alfred H. Lindley of Minneapolis created a fund of \$5,000 to the memory of his daughter, Ella Lindley. In 1904-1905 a fund of \$12,000 was established to the memory of Harriet Green, an English Friend who labored much in the Gospel among the Friends of America. The Francis White Fund of \$5,000 is in memory of Francis White, who in his lifetime gave assistance and great encouragement to the work of education in North Carolina.

The Johnathan E. Cox fund of \$3,000 was established by his son, J. Elwood Cox—endowment.

The Marvin Hardin fund of \$1,300 was established in memory of Marvin Hardin by the Class of 1904—a scholarship fund.

The William Johnson fund of \$1,500—a scholarship fund.

The Richardson Fund of \$2,758, by will of Joseph S. Richardson—a scholarship fund.

The Fowell B. Hill Fund of \$1,000, by will of Fowell B. Hill—endowment.

The Ezra Murray Meader Fund of \$1,000, by will of Elizabeth Meader White—for mathematical department.

The Francis T. King Fund of \$5,000, by will of Francis T. King—for care of buildings and campus.

The Doctor Dicia Baker Fund of \$5,000, by will of Dr. Dicia Baker—for Girls' Aid Committee of North Carolina Yearly Meeting.

The Susanna Osborne Memorial Fund of \$500—for Girls' Aid Committee of North Carolina Yearly Meeting.

The Wells Fund of \$1,000—scholarship fund.

The total sum of permanent funds—those named above and others—is \$176,500. The value of material equipment, including buildings, furniture, apparatus, and farm with its outfit, is \$148,500. Total, \$325,000.

## REQUIREMENTS FOR ADMISSION

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Candidates for admission must furnish evidence of good moral character, and those who come from other schools or colleges must furnish certificates of dismissal in good standing.

If from a secondary school, the candidate may be allowed any one of the following alternatives for admission :

1. An entrance examination.
2. A certificate, satisfactory to the Dean, showing that he has won full credit for the required number of entrance units.
3. Permission to register as a special student.

### *Entrance Examinations*

Examinations for admission and for higher class standing will be held at 9 a. m. and 2 p. m. on the day preceding the opening of each term, and on Monday preceding commencement.

### *Entrance on Certificate*

When a secondary school furnishes evidence satisfactory to the college that it gives thorough training to its students, the certificate of its principal, filled out



on a form provided by the college, will be accepted as proof of the applicant's preparation. These blank entrance certificates will be furnished on request.

### *Special Students*

A student who gives evidence of fitness to pursue a selected list of courses of study, but who does not seek a degree, may be admitted without certificate or entrance examination. Such an applicant may study special subjects for which he is prepared, or he may take general academic study in preparation for professional education. If he should decide to become a candidate for a degree he must satisfy the regular requirements for admission. In the annual register of attendance each special student is indicated as such, and not as a candidate for a degree.

### *Entrance Units*

An entrance unit is defined as the measure of the work required for completion of one high school subject taken five times each week, in recitation periods forty minutes long, throughout a session of twenty-eight weeks.

### *Regular Admission*

1. For regular admission to full standing as a member of the freshman class fourteen units are required. These must be selected from the list given in the table of entrance subjects on page 37.

2. Candidates for admission to the courses leading to the degree of Bachelor of Arts are required to offer the following subjects for entrance:

English .....	3	Units
Algebra .....	1½	Units
Plane Geometry .....	1	Unit
Latin .....	4	Units
History .....	1	Unit
Physiography .....	½	Unit
Physiology .....	½	Unit
Electives .....	2½	Units

3. Candidates for admission to the courses leading to the degree of Bachelor of Science are required to offer the following subjects for entrance:

English .....	3	Units
Algebra .....	1½	Units
Plane Geometry .....	1	Unit
History .....	1	Unit
Physiography .....	½	Unit
Physiology .....	½	Unit
* Language .....	4	Units
Electives .....	2½	Units

### *Conditional Admission*

Twelve units of credit will be accepted for conditional entrance to the freshman class.

### *Advanced Credit*

Students desiring credit for work done in other colleges will be required to submit a satisfactory certificate of such work or submit to an examination.

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\* Latin, Greek, French or German. Not less than two units in any one language.

*Table of Subjects Accepted for Entrance*

SUBJECT	TOPICS	UNITS
English A .....	Grammar and Analysis .....	1
English B .....	Composition and Elementary Rhetoric .....	1
English C .....	Selections of Literature .....	1
Mathematics A ...	Algebra to Quadratics .....	1
Mathematics B ...	Quadratics, etc., Binomial Theorem ..	$\frac{1}{2}$
Mathematics C ...	Plane Geometry, complete .....	1
History A .....	Ancient .....	1
History B .....	Mediaeval and Modern .....	1
History C .....	English .....	1
History D .....	American .....	1
Latin A .....	Grammar and Composition .....	1
Latin B .....	Caesar, four books and Composition ..	1
Latin C .....	Cicero, four orations and Composition ..	1
Latin D .....	Virgil, four books and Composition ..	1
Greek A .....	Grammar and Composition .....	1
Greek B .....	Xenophon, four books .....	1
German A .....	Grammar and Composition .....	1
German B .....	Reading and Exercises .....	1
French A .....	Grammar and Composition .....	1
French B .....	Reading and Exercises .....	1
Science A .....	Physical Geography .....	$\frac{1}{2}$
Science B .....	Physics .....	1
Science C .....	Physiology .....	$\frac{1}{2}$
Civics .....	Civil Government .....	$\frac{1}{2}$

## SPECIFICATIONS REGARDING ENTRANCE UNITS

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### *English*

#### English A—Grammar and Analysis . . . . . One Unit

Spelling, parts of speech, inflection, syntax, structure of sentences, punctuation, use of capital letters, elementary composition.

#### English B—Composition and Elementary Rhetoric One Unit

Choice of words and their mutual relations, paragraphing and form, different kinds of composition, including letter writing, narration, description, exposition, abundant practice in composition, with readings from masterpieces of American Literature.

#### English C—Literature . . . . . One Unit

The student is required to give careful study to the following: Shakespeare's *Macbeth*; Milton's *L'Allegro*, *Il Penseroso*, *Comus*, *Lycidas*, and some of his *Sonnets*; Scott's *Lady of the Lake*; Arnold's *Sohrab and Rustum*; Carlyle's *Essay on Burns*.

The student is required to read two selections from each of the following groups:

I. Genesis, Exodus, Joshua, Judges, Samuel, Kings, Daniel, Ruth, Esther; Homer's *Iliad*; Virgil's *Æneid*.

II. Merchant of Venice; As You Like It; Twelfth Night; Henry V; Julius Caesar; Midsummer Night's Dream.

III. Robinson Crusoe; Vicar of Wakefield; Ivanhoe; House



of Seven Gables; David Copperfield; Silas Marner; Treasure Island; Cranford.

IV. Pilgrim's Progress; Franklin's Autobiography; Parkman's Oregon Trail; Stevenson's Inland Voyage and Travels with a Donkey; Sir Roger de Coverley Papers; Macaulay's Essay on Warren Hastings; Irving's Sketch Book.

V. Gray's Elegy and Goldsmith's Deserted Village; Coleridge's Ancient Mariner and Lowell's Vision of Sir Launfal; Scott's Lay of the Last Minstrel; all of Wordsworth, Shelley, and Keats in Palgrave's Golden Treasury; Longfellow's Miles Standish and Whittier's Snowbound; Tennyson's Gareth and Lynette, Lancelot and Elaine, and Passing of Arthur; Byron's Childe Harold, Canto IV, and Prisoner of Chillon.

## *Mathematics*

### Mathematics A and B—Algebra

#### One and One-Half Units

Covering the four fundamental operations of algebra, factoring, highest common factor and lowest common multiple, fractions, simple equations, simultaneous simple equations, involution and evolution, exponents, radicals, quadratic equations, equations in the quadratic form, ratio and proportion, variation, and progressions.

### Mathematics C—Plane Geometry ..... One Unit

Five books and numerous original exercises taken from other sources.

## *History*

In all of the following work a knowledge of historical geography is required. Not more than two units of credit in history will be accepted, the selections to be made from the following:

**History A—Ancient . . . . . One Unit**

History of Greece to the death of Alexander, and history of Rome to the overthrow of the empire of the west, or to the death of Charlemagne.

**History B—Mediaeval and Modern . . . . . One Unit**

The general history of western Europe from the fifth century, or from the division of Charlemagne's empire, to the close of the nineteenth century.

**History C—English . . . . . One Unit**

The political and social history of England from the period of the Roman occupation to the present day.

**History D—American . . . . . One Unit**

A general outline of United States history, including the period of discovery and settlement, the growth of the English colonies, the French and Indian wars, the revolution and the adoption of the constitution, the growth and expansion of the union, the slavery conflict, the civil war and reconstruction, and the recent development of the nation.

## *Latin*

**Latin A—Grammar and Composition . . . . . One Unit**

Pronunciation, accent, quantity, thorough drill in forms, word formation, syntax, translation of elementary Latin sentences into English, elementary exercises in Latin prose composition.

**Latin B—Caesar . . . . . One Unit**

First four books of Caesar's Gallic War, thorough knowledge of its subject matter, familiarity with forms and construction, continued practice in Latin prose composition.

**Latin C—Cicero . . . . . One Unit**

Cicero's Orations against Catiline; continued practice in prose composition.

## Latin D—Virgil ..... One Unit

Four books of Virgil's *Æneid*, forms and construction of poetry, hexameter verse, continued practice in prose composition.

*Greek*

## Greek A—Grammar and Composition ..... One Unit

The forms, inflections, and idioms of Attic prose, syntax, prose composition—one year's work.

## Greek B—Xenophon ..... One Unit

Four books of Xenophon's *Anabasis*, study of Greek irregular verbs, syntax, translation of Greek into English and English into Greek.

*German*

## German A—Grammar and Composition .... One Unit

Grammar, pronunciation, dictation, exercises in translation, both oral and written, and reading of about 100 pages of texts suitable for first year work.

## German B—Reading and Exercises ..... One Unit

Continued practice in Grammar, dictation, conversation, oral translation from German into English and English into German, and about 300 pages of texts suitable for second year work, along with written exercises in prose composition.

*French*

## French A—Grammar and Composition .... One Unit

Grammar, pronunciation, dictation, exercises in translation, both oral and written, and reading of about 150 pages of texts suitable for first year work.

### French B—Reading and Exercises . . . . . One Unit

Continued practice in grammar, dictation, conversation, oral translation from French into English and English into French, and about 300 to 400 pages texts suitable for second year work, along with written exercises in prose composition.

## *Science*

### Science A—Physical Geography . . . . . One-half Unit

The knowledge obtainable from a standard school text-book on this subject.

### Science B—Physics . . . . . One Unit

Any standard school text-book, including class work with lecture demonstrations, problem work and simple laboratory experiments.

### Science C—Physiology . . . . . One-Half Unit

A standard school text-book, with demonstrations and simple experiments. Special attention should be given to such practical subjects as sanitation, diet, and personal hygiene.

## *Civics*

### Civics . . . . . One-half Unit

A general study of the constitution of the United States and the organization of the executive, legislative and judicial departments of the government; the division of governmental functions between the national and state governments; and the organization and operation of the state governments.



## GROUPS OF STUDIES

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The groups following are constructed in accordance with (1) the required studies and (2) electives. Besides fulfilling the requisite in required studies the student, in any group, must take at least three years' work in a single subject, known as the major subject. The student will select his group according to the major subject which he prefers. The selection of a group should be determined upon entrance into the sophomore year. Electives entitle the student to select any studies which he may choose not in conflict with the authorized program of recitations, provided always that required studies must take precedence of electives in classification. The program of recitations will conform to the groups as outlined.

It should be noted that all students are required to take one year of Biblical instruction, the groups being so arranged that this may be done either in the junior or the senior year.

Piano music and the course in Banking also stand as electives in any year except the freshman. But the maximum amount of music which a student may elect shall be two courses of not less than one year of either the intermediate or the advanced grades.

### *Hours Requisite for Graduation*

The courses are evaluated by the term hour, which equals one recitation hour a week for a term (half year). For graduation in any course a student will be required to complete work equivalent to 126 term hours.

In each of the six groups of studies the requisite hours for graduation shall be determined by the sum of all the required studies and the electives, as prescribed in the groups respectively.

### *Degrees*

The degree of Bachelor of Arts will be conferred on any student who satisfactorily completes Group AI, AII, or AIII, and the degree of Bachelor of Science on any student who satisfactorily completes Group BI, BII, or BIII, provided in either case said student sustains a good moral character.

## COURSES OF STUDY

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### *Group AI—Ancient Classical*

#### FRESHMAN

Livy .....	4	Tacitus .....	4
English Ia .....	4	English Ib .....	4
Greek .....	4	Greek .....	4
Mathematics Ia .....	5	Mathematics Ib .....	5

#### SOPHOMORE

Latin .....	4	Latin .....	4
History .....	3	History .....	3
English V .....	2	English V .....	2
Greek .....	4	Greek .....	4
Physics .....	4	Chemistry A .....	4

#### JUNIOR

Ancient Language .....	4	Ancient Language .....	4
Biology .....	4	Biology .....	4
German or French .....	4	German or French .....	4
Electives .....	4	Electives .....	4

#### SENIOR

Philosophy I .....	3	Philosophy II .....	2
German or French .....	4	German or French .....	4
Ancient Language .....	3	Ancient Language .....	3
Electives .....	6	Electives .....	6

*Group All—English Classical*

## FRESHMAN

English Ia .....	4	English Ib .....	4
Livy .....	4	Tacitus .....	4
Mathematics Ia .....	5	Mathematics Ib .....	5
German or French .....	4	German or French .....	4

## SOPHOMORE

History .....	3	History .....	3
English V .....	2	English V .....	2
German or French .....	4	German or French .....	4
Physics .....	4	Chemistry A .....	4
Electives .....	4	Electives .....	4

## JUNIOR

English .....	3	English .....	3
Biology .....	4	Biology .....	4
Electives .....	9	Electives .....	9

## SENIOR

English .....	3	English .....	3
Philosophy I .....	3	Philosophy II .....	2
Electives .....	10	Electives .....	11



*Group Alll—Political Science*

## FRESHMAN

History or Livy .....	4	History or Tacitus .....	4
English Ia .....	4	English Ib .....	4
Physics A .....	4	Chemistry A .....	4
Mathematics Ia .....	5	Mathematics Ib .....	5

## SOPHOMORE

History .....	3	History .....	3
English V .....	2	English V .....	2
Biology .....	4	Biology .....	4
German or French .....	4	German or French .....	4
Electives .....	4	Banking .....	4

## JUNIOR

History .....	4	History .....	4
English .....	3	English .....	3
German or French .....	3	German or French .....	3
Electives .....	6	Electives .....	6

## SENIOR

Economics .....	4	Economics .....	3
Philosophy I .....	3	Philosophy II .....	2
Sociology .....	3	Ethics .....	4
Electives .....	6	Electives .....	6

*Group BI—Chemistry*

## FRESHMAN

Physics A .....	4	Chemistry A .....	4
English Ia .....	4	English Ib .....	4
Mathematics Ia .....	5	Mathematics Ib .....	5
German or French .....	4	German or French .....	4

## SOPHOMORE

Chemistry I .....	4	Chemistry I .....	4
History .....	3	History .....	3
English V .....	2	English V .....	2
Physics I .....	4	Physics I .....	4
German or French .....	4	German or French .....	4

## JUNIOR

Chemistry II .....	4	Chemistry II, III .....	4
Biology I .....	4	Biology I .....	4
Electives .....	8	Electives .....	8

## SENIOR

Chemistry III .....	4	Chemistry IV .....	5
Philosophy I .....	3	Philosophy II .....	2
Biblical Literature .....	4	Biblical Literature .....	4
Electives .....	4	Electives .....	4

*Group BII--Mathematics and Physics*

## FRESHMAN

Physics A .....	4	Chemistry A .....	4
Mathematics Ia .....	5	Mathematics Ib .....	5
English Ia .....	4	English Ib .....	4
German or French .....	4	German or French .....	4

## SOPHOMORE

Mathematics II .....	4	Mathematics II .....	4
Physics I .....	4	Physics I .....	4
German or French .....	4	German or French .....	4
History .....	3	History .....	3
English V .....	2	English V .....	2

## JUNIOR

Mathematics III .....	4	Mathematics III .....	4
Physics II or Electives ..	4	Physics II or Electives ..	4
Chemistry I .....	4	Chemistry I .....	4
Electives .....	4	Electives .....	4

## SENIOR

Mathematics IV .....	3	Mathematics IV .....	3
Physics III .....	2	Physics III .....	2
Philosophy I .....	3	Philosophy II .....	2
Biology I .....	4	Biology I .....	4
Biblical Literature .....	4	Biblical Literature .....	4

*Group BIII—Biology*

## FRESHMAN

Physics A . . . . .	4	Chemistry A . . . . .	4
English Ia . . . . .	4	English Ib . . . . .	4
Mathematics Ia . . . . .	5	Mathematics Ib . . . . .	5
German or French . . . . .	4	German or French . . . . .	4

## SOPHOMORE

Biology . . . . .	4	Biology . . . . .	4
History . . . . .	3	History . . . . .	3
English V . . . . .	2	English V . . . . .	2
German or French . . . . .	4	German or French . . . . .	4
Chemistry or Electives . . .	4	Chemistry or Electives . . .	4

## JUNIOR

Biology . . . . .	4	Biology . . . . .	4
Geology . . . . .	4	Geology . . . . .	4
Physics or Electives . . . .	4	Physics or Electives . . . .	4
Electives . . . . .	4	Electives . . . . .	4

## SENIOR

Biology . . . . .	4	Biology . . . . .	4
Philosophy I . . . . .	3	Philosophy II . . . . .	2
Electives . . . . .	9	Electives . . . . .	9



## DEPARTMENTS OF INSTRUCTION

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### *Latin*

I. LIVY.—This course embraces two books of Livy and composition weekly. Rapid reading and sight reading on easy passages are employed as tests. Points in history and syntax, together with Livy's style, are emphasized. Four hours a week. Fall term. Freshman.

II. TACITUS.—This course embraces the *Germania* and *Agricola*. Also either the *Poet Archias* of Cicero, or composition, as the case demands, is required. The *Germania* is studied for its intrinsic value as history; the *Agricola* is studied as history and as a biography. The *Agricola* of Tacitus and the *Poet Archias* of Cicero are studied as masterpieces in Latin literature. Four hours a week. Spring term. Freshman.

III. SELECTIONS FROM VIRGIL.—This course embraces *Georgics* I and IV, and selections from the *Æneid*. In this course it is intended to set forth the principles upon which Latin poetry is based, the hexameter being the simplest and best representative of Latin verse. The selections are made with a view to illustrate Virgil's method of developing a National

Epic for the Romans. Virgil's style and syntax are an essential part of the course. Four hours a week. Fall term. Sophomore.

\*IV. SELECTIONS FROM OVID AND PROPERTIUS.—This course embraces selections from the Elegies of Ovid and Propertius illustrative of this department of Latin poetry. The selections from the Metamorphoses of Ovid are very valuable from the mythology which they contain treated in epic form. Four hours a week. Spring term. Sophomore.

V. HORACE.—Many of the Odes and of the Satires and Epistles, and the Ars Poetica constitute this course. Poetic peculiarities, sentiment, and elegance of expression in Latin verse are among the things studied. Prosody is an essential part of the work. Four hours a week. Fall term. Junior.

VI. CICERO'S TUSCULAN DISPUTATIONS I AND SELECTIONS FROM LUCRETIUS.—This course is given as a study in Roman philosophy. Special attention is called to philosophical thought as expressed by these two authors. The technical meaning of words, and a thorough drill in syntax are emphasized. Four hours a week. Spring term. Junior.

VII. ROMAN COMEDY.—This course embraces the Captivi and Trinumus of Plautus, the Andria and

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\*Not given in 1914-1915.

Adelphoe of Terence. It is the intention of this course to give the student an idea of the fundamental qualities of Roman comedy. It is in the comedy that one finds daily life depicted, and it is in comedy that the daily speech is used,—two very essential elements toward a correct understanding of the literature of a people. Three hours a week. Fall term. Senior.

\*VIII. TRAGEDY.—This course embraces three Tragedies of Seneca and selections at sight from Gudeman's Latin Literature. Three hours a week. Spring term. Senior.

### *Greek*

I. The first term in the study of Greek is devoted to learning the forms of the language, and doing easy exercises from Frost's Greek Primer. In the second term, two books of Xenophon's Anabasis are read.

II. In the second year, the third book of the Anabasis, and about an equal amount of Herodotus are read in the first term. The second term is given to Homer's Iliad.

III. During the first term of the third year Plato's Apology, Crito, and Thucydides are read. The last term is given to New Testament Greek.

For students electing a fourth year in Greek additional reading matter will be furnished according to the wish and efficiency of the class.

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\*Not given in 1914-1915.



### *German*

I. The first year is devoted to the study of Lehrbuch der deutschen Sprache, supplemented by the reading of some simple story, as Storm's Immensee.

II. During the second year such books are read as Brandt's German Reader, Im Vaterland, and Willkommen in Deutschland.

III. Elective.

### *French*

I. During the first year the work comprises: (1) careful drill in pronunciation; (2) the rudiments of grammar; (3) easy exercises in translating into French; (4) writing French from dictation; (5) practice in conversation; (6) the reading of about 150 pages of easy French stories. Four hours a week.

II. The second year work comprises: (1) the reading of from 300 to 400 pages of modern French in the form of stories and historical sketches; (2) constant practice as in the first year, in pronunciation, grammar, dictation, composition, and construction. Text-books: A Prose Composition and such texts as Halévy's L'Abbé Constantin; Lamartine's Jeanne D'Arc, Maupassant's Huit Contes Choisis, etc. Four hours a week.

III. Elective. The reading of more difficult prose and poetry, with composition, etc., as in II.



*English*

Ia. RHETORIC, COMPOSITION AND LITERATURE.—This course covers in the main the principles of rhetoric and composition, with the frequent writing of themes which are discussed in personal conferences between the writers and the instructor. Attention is also given to the reading and careful analysis of model prose selections taken from the best English and American writers. In addition to the above, each member of the class is expected to choose one of several elective courses of private reading on which he may expect to be examined at the end of the term. Four hours a week. First term.

Ib. ENGLISH LITERATURE.—The second half year presents a general survey of English Literature from the Anglo-Saxon age to the present day. Lectures, readings in class, outside readings and reports. Four hours a week. Second term.

IIa. ELIZABETHAN DRAMA.—This course is intended to acquaint the student with the drama of the age of Elizabeth. It consists of an historical survey of the drama, a study of the playwrights immediately preceding Shakespeare with respect to their influence upon him, a study of Elizabethan society and playhouses, and a few of Shakespeare's early plays. Elective. Three hours a week. First term.

IIb. SHAKESPEARE.—This course is a continua-

tion of IIa. The entire term is devoted to the careful analysis of a selected number of Shakespeare's plays and a study of his development as a dramatist. Other plays are read less critically outside the class. Elective. Three hours a week. Second term.

\*IIIa. NINETEENTH CENTURY PROSE.—During the first half year attention is given to the English prose masters of the nineteenth century, and a more or less critical examination of some of their works. Lectures, readings in class, outside readings and reports. Elective. Three hours a week.

\*IIIb. NINETEENTH CENTURY POETRY.—The second half year is devoted to the careful study of some of the principles of literary criticism and their application to the works of the nineteenth century poets. Lectures, readings in class, outside readings and reports. Elective. Three hours a week.

IVa. AMERICAN LITERATURE.—The purpose of this course is to give the student a general survey of American Literature from 1607 to the present day, with a more or less intensive study of the representative writers of each period. Lectures, recitations, outside readings and reports. Elective. Three hours a week. First term.

IVb. EIGHTEENTH CENTURY LITERATURE.—This course presents a study of the literary movements in

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\*Not given in 1914-1915.

the eighteenth century and a critical analysis of selected readings from the representative English poets and prose writers. Lectures, readings in class, outside readings and reports. Elective. Three hours a week. Second term.

V. ADVANCED RHETORIC AND COMPOSITION. — A study of formal rhetoric and composition. Personal conferences and criticisms. Required of all sophomores. Two hours a week throughout the year.

VI. ADVANCED SHAKESPEARE.—This course is a continuation of English IIa and IIb and it covers all the remaining plays of Shakespeare. More time is given here to critical analysis, comparison with the quartos and folios, together with a further study of Shakespeare's development as a dramatist. Open only to those students who have passed courses IIa and IIb and who have been recommended by the instructor. Two hours per week throughout the year.

Students in upper classes who are deficient in English Composition will be required to do special work in that subject.

### *Biblical Literature*

The work in Biblical Literature consists of a survey of Hebrew and Jewish history, with special studies in the prophetic writings during the fall term. The spring term is devoted to the study of the four



Gospels. Four hours a week. One year. Required of all students in their junior or senior year.

### *History and Economics*

I. MEDIAEVAL AND MODERN HISTORY.—In this course the history of Western Europe is studied, outlining the rise of the Papacy, the Crusades, the Renaissance, the Reformation, the French Revolution, and the Development of Modern Europe. Reference work in the Library and reports on special topics form an essential part of the course. Three hours a week. One year. Elective in Political Science Group in freshman year. Required in all other Groups in the sophomore year.

\*II. ENGLISH HISTORY.—This is a study of the political, industrial and constitutional development of England from the earliest period to the present time. Special attention will be given the State, the English Church, the Puritan Movement, the Colonial System and the Industrial Revolution. Reference work and reports are required. Three hours a week. One year. Alternates with Course I as an elective in freshman year in Political Science Group and as a requirement of sophomores in all other Groups.

IIIa. CONSTITUTIONAL HISTORY.—This is a study of the formation and development of the United States Government, with a close examination of its

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\*Not given in 1914-1915.



present form and workings. It is, therefore, a combination of history and advanced civics. A text-book is used, but considerable reference work in the Library is required, the results of which are embodied in themes at regular intervals during the term. The aim is not only to develop a knowledge of the history and workings of the Government, but to stimulate an interest in current political life and its responsibilities. Four hours a week. Fall term. Required in the Political Science Group; elective in junior or senior year in all other Groups.

IIIb. CONSTITUTIONAL HISTORY.—The nature and origin of government will be traced, together with the development of the modern states: England, France, Switzerland and Germany. This is followed by a study of the general form and working of these governments, with emphasis on the legislative, administrative and judicial functions. Reference work on the subject matter of the course and the current political and diplomatic situation in Europe is done in the Library and reports made to the class. Each member of the class is required to make an independent study of some government not treated in the class and write a theme on it. Four hours a week. Spring term. Required in the Political Science Group; elective in junior or senior year in all other Groups.

\*IV. AMERICAN HISTORY.—This is a course in ad-

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\*Not given in 1914-1915.

vanced American History, and deals with origins, movements, and developments rather than mere incidents and facts. A text-book will form the basis of the course, but broad readings, reports, lectures, and discussions will form the major part of the work. The study will extend throughout the year, reciting four hours a week, but will be divided into two parts as follows:

(a) Fall term: 1492-1789—Colonial Period, Revolution and Independence, Formation of the Government and Origin of Parties.

(b) Spring term: 1789-1914—National Development and Expansion, Slavery Controversy, Civil War and Reconstruction, Period Since the War.

Courses IV*a* and IV*b* alternate with III*a* and III*b*.

V. ECONOMICS.—This is a general introduction to the principles of political economy. Its purpose is to give a general understanding of current American economic problems and of the forces underlying our industrial life, thus preparing students for more advanced study and the duties of citizenship. The course consists of text-book, collateral reference work and a theme by each student based on a study of some practical economic problem. Four hours a week. Fall term. Junior or senior.

VI. ECONOMICS.—This course is a continuation of Economics V. In it a more thorough study is made

of certain phases of political economy, including money and banking, transportation, corporations and the tariff. Four hours a week. Spring term. Junior or senior.

VII. SOCIOLOGY.—This course strives to explain the basis of society, the social institutions, social pathology and the remedies, and social psychology and progress. Collateral readings and the study of some current social problem is required of each member of the class. Three hours a week. Fall term. Senior.

### *Philosophy*

I. PSYCHOLOGY.—A course in general psychology seeking to cover the field of mental facts and processes, supplemented by readings and lectures. Three hours a week. Fall term. Senior.

II. LOGIC.—Careful attention is given in this course to definitions and explanations of the terms, and much practice in processes of reasoning. Two hours a week. Spring term. Senior.

III. ETHICS.—In this course the trend of Christian ethics will be considered historically, and an attempt is made to find a fundamental basis of moral conduct. The work consists of lectures and notes on assigned readings, together with a theme on some phase of ethical study. Four hours a week. Spring term. Senior.



IV. METHODS OF TEACHING—A practical study of the psychology and methods involved in the teaching of the common school subjects. Two hours a week. Spring term. Elective.

### *Mathematics*

Ia. SOLID GEOMETRY.—Three hours. Fall term. Text, Wells' New Plane and Solid Geometry.

Ia. PLANE TRIGONOMETRY.—Two hours. Fall term. Text, Wells' New Plane Trigonometry.

Ib. COLLEGE ALGEBRA.—This course begins with a review of the ground work of elementary algebra, and includes logarithms, undetermined coefficients, the binomial theorem for fractional and negative exponents, permutations and combinations, and a brief introduction to the theory of equations. Five hours. Spring term. Text, Fine's College Algebra.

II. ANALYTIC GEOMETRY AND ADVANCED ALGEBRA.—About half the year is spent on Plane Analytic Geometry; about eight weeks on Space Geometry and the remaining ten weeks on determinants and Spherical Trigonometry. Four hours throughout the year. Text, Smith and Gale's New Analytic Geometry.

III. DIFFERENTIAL AND INTEGRAL CALCULUS.—Prerequisite, Mathematics II. Four hours throughout the year. Text, Townsend and Goodenough's A First Course in Calculus.



IV. DIFFERENTIAL EQUATIONS. — Three hours throughout the year. Text, Cohen's Elementary Differential Equations.

No credit will be given in Courses II, III, and IV for less than a year's work.

V. SURVEYING.—The recitations cover the construction, use and adjustment of the compass, surveyors' and solar transit and level, the use of chains, tapes, rods and other instruments; land surveying computations, including balancing, supplying omissions, finding areas and dividing land; and United States public land surveys. The field work and computations afford practice chiefly in making a traverse and transit and chain, in leveling, in adjustments of transit and level, and in the computations required to balance and map the traverse. Field work, computations and mapping; also stadia and plane table work. Three hours. Spring term. Elective.

VI. DESCRIPTIVE ASTRONOMY.—This course aims to give such information concerning the heavenly bodies and the laws by which they are governed as must be secured by every one who aspires to the possession of a liberal education. The student learns the method of determining the figure, dimensions, distances, motions, physical character, and telescopic appearances of the bodies constituting the solar system, nature of comets, meteors, stars, nebulae.

A small telescope, a solar transit, a student's spectrometer, sextant, clinometer, and sundial enable students to supplement their work with interesting observations as are required. Two hours a week. Spring term. Elective.

### *Physics*

A. An elementary general course including textbook work, individual laboratory measurements, lecture experiments and problem work making use of Algebra and Plane Geometry. This course is intended as an introduction to Physics I and is not equivalent to a half year's work in that course. Required of all Freshmen who do not present Physics for entrance. Four hours. Fall term. Text, Carhart and Chute's First Principles of Physics.

I. This course is open to those who have completed Physics A or its equivalent and who have a good working knowledge of Plane Trigonometry. Mechanics, heat, sound, light, electricity and magnetism are studied in detail. In this course at least one period of laboratory work is required each week. Four hours throughout the year. Text, Carhart's College Physics.

II. ELECTRICITY AND MAGNETISM.—A lecture and laboratory course in Electricity and Magnetism. In this course special attention will be given to the examination of specimens of iron, plotting hysteresis curves,

measurement of capacity, quantity inductance, electromotive force, etc. Four hours throughout the year.

III. MECHANICS.—Theoretical Mechanics with laboratory work. Two hours throughout the year.

### *Biology and Geology*

I. GENERAL BIOLOGY.—This course is a study of the structure and life-history of typical plants and animals. Special attention is given to physiological processes and to the nature of protoplasm. It is also the object of the course to give the student some knowledge of the laws of life and the philosophy of organization.

II. COMPARATIVE ANATOMY AND EMBRYOLOGY OF VERTEBRATES.—The course consists of (1) the dissection of types of vertebrates; (2) the early development of the frog; (3) the embryology of the chick. Lectures, text-book and laboratory work. Four hours a week. Text-book, Lillie's *The Development of the Chick*.

\*III. PLANT MORPHOLOGY.—This course consists of a special study of the morphology of the Pteridophytes and Spermatophytes. Field work on the ecology of seed bearing plants will also be given. Four hours a week. Fall term.

\*IV. BACTERIOLOGY AND SANITATION.—This course consists of a study of the methods of isolating and

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\* Not given in 1914-1915.



cultivating bacteria. Both free-living and parasitic bacteria will be studied. Readings and lectures on sanitation and the conquest of disease will follow the study of bacteriological methods. Four hours a week. Spring term.

Courses III and IV alternate with II.

V. GEOLOGY.—Recitations, laboratory and field work. The common rocks and minerals are studied and identified, their dynamic, structural and historical geology is studied in connection with field trips, stereopticon illustrations and the examination of fossils in the laboratory. Four hours a week.

## *Chemistry*

A. The work covers the ground of an elementary course and is an introduction to Chemistry I. The general principles of the subject are taken up and many of the applications of chemistry to daily life are discussed. The lectures and recitations are accompanied by numerous experimental demonstrations. Required of all Freshmen except those electing Groups AI and AII, and required of those students in their Sophomore year. Lectures, recitations and laboratory work. Four hours. Second half-year.

I. GENERAL CHEMISTRY.—This course consists of a thorough study of the more important elements and their compounds, together with an introduction to



Physical Chemistry. In general, there will be two lectures or recitations and two laboratory periods each week. The laboratory work consists of the preparation and study of the properties of the non-metallic elements and their compounds. The lectures and recitations are accompanied by many experimental demonstrations. Required Sophomore year of all students electing the Chemistry Group and Junior year of all students electing the Physics and Mathematics Group. Four hours the entire year.

II. QUALITATIVE ANALYSIS.—This course is as practical as possible, consisting of a thorough study of the methods for the separation and detection of the bases and acids. Analyses are made of simple salts and minerals. There is at least one lecture or recitation each week. Prerequisite, Chemistry I. Four hours or more by arrangement.

III. QUANTITATIVE ANALYSIS.—Analyses of pure salts are made by the simpler gravimetric and volumetric methods, as well as complete analyses of ores and technical products. Prerequisites, Chemistry I and II. Four hours or more by arrangement.

IV. ORGANIC CHEMISTRY.—This course consists of a study of the principal compounds of carbon and their derivatives. In general, there will be three recitations and two laboratory periods of three hours each per week. This course is required of all students in

the Chemistry Group and will be useful to students of biology and medicine. Five hours. Second half-year.

V. ADVANCED QUANTITATIVE ANALYSIS.—This is a continuation of Course III, and consists of the analysis of water, milk, steel, fertilizers, etc. Hours to be arranged.

VI. CHEMISTRY OF FOOD AND NUTRITION.—This course will comprise a study of the organic and inorganic foodstuffs, the changes which they undergo in body metabolism, the energy value of different foods and their economic value. As far as time will permit, additional topics, such as the Pure Food Law and the manufacture of some of the more important food materials are taken up. Lectures, laboratory work and outside reading. Prerequisite, Chemistry A. Four hours. First half-year.

In all courses in Chemistry, except course IV, one laboratory period consists of two and one-half actual hours.

A breakage fee of 50 cents, which is included in the term fee, is required of all students in the Chemistry Department.

### *Bookkeeping and Banking*

MODERN ILLUSTRATIVE BOOKKEEPING.—A course in practical work with checks, drafts, notes, deposits, discounts as practiced by progressive business houses in Double and Single Entry Systems and Special

Column Journalizing, with balance sheets and business statements. Full set of blank books, commercial papers, college currency and forms are furnished the student for practice in bookkeeping.

When preparing for Banking, students should select Bookkeeping, History, English, Physics, Economics and read "Money, Banking and Finance," "Commercial Law," and "Management of Business Houses."

MODERN ILLUSTRATIVE BANKING AND BANK ACCOUNTING.—This course consists of a detailed account of the organization, management and most approved practice in banking as to actual work of each department and proofs for same, using forms and vouchers and regular bank books for each day's work. Lessons on the Burroughs Adding Machine will supplement this work.

Bookkeeping, Fall Term. Banking, Spring Term.  
Certificate granted for completing the course.

The extra charge of \$10.00 per term includes blanks and vouchers. Required in Course AIII, and can be elected in any course.

### *Department of Music*

I. MUSIC APPRECIATION.—Open to all students. One hour through the year.

This course is designed for those who have not and never expect to have any technical proficiency. Its



purpose is to develop intelligence in listening to music and to present those musical topics with which a well informed person should be familiar.

II. FOUNDATION PRINCIPLES.—Open to all students. Two hours through the year.

This course, or its equivalent, is necessary for admission to Practical Course (A) Piano Playing. It assumes that the student knows nothing about music practically or theoretically. It includes methods for learning the keyboard and staff; measure, meter, rhythm, accent; major and minor scales; principles of fingering; of touch; intervals; ear-training; key tonalities; phrasing; keyboard harmony.

III. PRACTICAL COURSES. (A) Piano Playing; (B) Singing; (C) College Chorus. Course A is open to students who have completed Course II or its equivalent. Students accepted in Courses A and B are required to take Courses I (Music Appreciation) and C (College Chorus). Credit toward the B. A. degree will be given in Courses A, B and C, provided the work done is sufficiently advanced in character. Courses A, B and C, two lessons each per week, through the year.

(A) Piano Playing. Emphasis is laid upon the following points: Principles of Practice; Harmony and Harmonic Analysis; Form and Melody Writing; Sight-reading; Varieties of Touch; Ear-training; Interpretation; General Musicianship.



(B) Singing. Emphasis is laid upon training the ear to hear and the speech organs to form well-shaped vowels and distinct consonants; placing the tone to secure purity, resonance and color; principles of interpretation.

(C) College Chorus. Conditions for entering are sufficient talent and knowledge along the lines of voice and instrument to be of value to the organization. Intended to make possible the singing of some vocal masterpiece.

IV. MUSIC EXTENSION. To co-operate in an effort now being made by the North Carolina Music Teachers' Association, to standardize the teaching of music throughout the state, rural teachers are invited to affiliate with our music department with a view of submitting for examination the work of their individual pupils. Information respecting this course will be sent upon request.

NOTE.—The subject of Harmony is treated in Courses II (Foundation Principles) and (A) Piano Playing. The subjects of History of Music and Analysis in Course I (Music Appreciation).

### *Domestic Science*

The department of Domestic Science affords excellent opportunity to young women not only for learning how to do cooking in the best way to secure

wholesome food, but also for the economic management of a household. The department includes classes also in sewing.

Girls pursuing this subject may make it elective one hour each term; that is, credit in Domestic Science may count for work towards completing a course for graduation.

### *Expression*

There is a careful study of phonics, articulation, emphasis, tone color, etc. Physical culture is emphasized, since a healthy body is indispensable to the successful public speaker, whose mind and voice must be clear. Since an appreciation of an author's thought and a clear insight into its arrangement is regarded as the foundation for intelligent public reading, standard selections from literature are carefully analyzed. The ideal we strive to attain is conversational directness. One should speak to an audience as naturally as one talks in private conversation. Affectation and mechanical imitation are disparaged. The student is encouraged to fill his words with thoughts of his own and to fix the attention of the audience upon his subject rather than upon himself.

A short time is given also to the study of parliamentary law. Elective. Three hours per week throughout the year.

## THE PREPARATORY SCHOOL

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A course of training for students who come to us unprepared for college classes has been arranged and embraces the following subjects:

### FALL TERM

English A .....	5
English B .....	4
English C .....	4
Primary Latin .....	5
Caesar .....	5
Cicero .....	5
Algebra A .....	5
Algebra B .....	5
Plane Geometry .....	5
Ancient History .....	4
Physiology .....	4
Bookkeeping (Elective) ..	3
Bible .....	1

### SPRING TERM

English A .....	5
English B .....	4
English C .....	4
Primary Latin .....	5
Caesar .....	5
Virgil .....	5
Algebra A .....	5
Algebra B .....	5
Plane Geometry .....	5
Ancient History .....	4
Physiography .....	4
Bible .....	1

### *English*

A. The work in English for the first year in the preparatory course consists of grammar, composition, and literature. Masterpieces in literature are carefully studied and made to serve as topics for drill in composition. Short selections are memorized. Outside reading is also required.

B. Pupils are required in the second year preparatory to study technical English grammar, Elementary Rhetoric, masterpieces in English and American Literature, and composition. Memory work and outside reading are both required.

C. The third year in English prepares for entrance to the freshman class in College. For the year 1914-1915 the following will be required:

FOR STUDY.—Shakespeare's *Macbeth*; Milton's *L'Allegro*, *Il Penseroso*, *Comus*, *Lycidas*, and some of his *Sonnets*; Scott's *Lady of the Lake*; Arnold's *Sohrab and Rustum*; Carlyle's *Essay on Burns*.

FOR READING.—(Two must be selected from each group.)

I. Genesis, Exodus, Joshua, Judges, Samuel, Kings, Daniel, Ruth, Esther; Homer's *Iliad*; Virgil's *Æneid*.

II. *Merchant of Venice*; *As You Like It*; *Twelfth Night*; Henry V; Julius Cæsar; *Midsummer Night's Dream*.

III. *Robinson Crusoe*; *Vicar of Wakefield*; *Ivanhoe*; *House of Seven Gables*; *David Copperfield*; *Silas Marner*; *Treasure Island*; *Cranford*.

IV. *Pilgrim's Progress*; *Franklin's Autobiography*; *Parkman's Oregon Trail*; *Stevenson's Inland Voyage and Travels with a Donkey*; *Sir Roger de*



Coverley Papers; Macaulay's Essay on Warren Hastings; Irving's Sketch Book.

V. Gray's Elegy and Goldsmith's Deserted Village; Coleridge's Ancient Mariner and Lowell's Vision of Sir Launfal; Scott's Lay of the Last Minstrel; all of Wordsworth, Shelley, and Keats in Palgrave's Golden Treasury; Longfellow's Miles Standish and Whittier's Snowbound; Tennyson's Gareth and Lynette, Lancelot and Elaine, and Passing of Arthur; Byron's Childe Harold, Canto IV, and Prisoner of Chillon.

### *Latin*

Three years in Latin are given in the Preparatory School.

I. PRIMARY LATIN.—This is a five-hour course throughout the first year and embraces all the essentials preparatory to a study of higher Latin.

II. CAESAR'S GALLIC WAR AND LATIN COMPOSITION.—This course extends through the second year, embracing four books, I-IV. Composition weekly. An effort is made to develop a ready reading knowledge of Latin. Attention is given to pronunciation, word-forms, case-syntax, moods, tenses, and indirect discourse. Military matters and the geography of the texts are emphasized. Five hours a week.

III. CICERO AND COMPOSITION.—This course em-

braces the four Orations against Catiline. Composition weekly. Thorough grounding in prose construction is aimed at on the linguistic side. Oratorical style, historical and biographical setting are considered.

IV. VIRGIL AND COMPOSITION.—This course embraces four books of Virgil. Composition weekly. Thorough drill in syntax, poetic peculiarities, and prosody are aimed at.

### *Science*

PHYSIOLOGY.—Physiology is required of preparatory students, or those who enter college conditioned on the subject.

Four recitations a week are given throughout the fall term of the second year of the preparatory course. Besides a general outline of human anatomy, the course deals with the study of the properties, uses and actions of the various parts of the body. The influence of narcotics and alcoholic stimulants upon the various organs is carefully explained. The subject is made interesting and attractive by laboratory experiments, microscopic slides, anatomical models, charts and projections.

PHYSIOGRAPHY.—An elementary course for preparatory students. Recites four times per week. Besides the text-book work, the class makes a special study of weather conditions, the weathering of rocks, and the development of drainage systems.

## *History*

One year of history is required of all preparatory students. This is a course in Ancient History, including Oriental, Greek and Roman.

## *Mathematics*

ALGEBRA A.—This is a course for beginners and includes the four fundamental operations of algebra, factoring, highest common factor and lowest common multiple, fractions, simple equations, simultaneous simple equations. Five hours throughout the year. Text, Durell and Robins' School Algebra Complete.

ALGEBRA B.—Involution and evolution, exponents, radicals, quadratic equations, equations in the quadratic form, ratio and proportion, variation, and progressions. Five hours throughout the year. Text, Durell and Robins' School Algebra Complete.

PLANE GEOMETRY.—Prerequisite, Algebra A and B. Five books and numerous original exercises taken from other sources. Five hours throughout the year. Text, Wells' New Plane and Solid Geometry.

## *The Museum*

The Cabinet of Natural History Specimens is one of the most interesting features of the institution. The collection has been formed more especially with reference to giving assistance in class room work than to making a display of peculiar relics. It is a working cabinet rather than a collection of curiosities. We find it indispensable as a means of furnishing examples and illustrations for the various branches of natural history.

Among the most valuable specimens may be mentioned:

The collection of minerals containing more than two hundred varieties.

Specimens of limestone, including stalactites, stalagmites, and other formations from the Mammoth, Luray, and Wyandot Caves.

A number of rocks, representing igneous, metamorphic, stratified, and glaciated specimens.

A collection of fossils, numbering several hundred, giving a good idea of both animal and vegetable life in the Paleozoic, Mesozoic, and Cenozoic eras.

Volcanic Specimens.—The best of which are from the Sandwich Islands and Mount Vesuvius.

Corals.—More than one hundred specimens from the islands of the Pacific, and Florida.

Shells.—Comprising more than one hundred and fifty land and water species.



Marine Animals.—Consisting of fishes, star-fishes, sea urchins, crabs, etc.

Archaeological Specimens.—More than one thousand in number.

A collection of casts of prehistoric implements, numbering over one hundred specimens, a donation from the Smithsonian Institute. The collection illustrates the development of man through the stone, polished stone, and bronze ages.

Mounted Animals.—One hundred and seventy-five mounted birds and animals. Among them are eleven species of hawks and owls, thirteen species of wild duck taken in North Carolina, a pair of wild turkeys, a buffalo head, a large beaver, a wild cat, two minks, an alligator, and other animals. Also one hundred skins of birds and mammals used in class work.

In collecting for the cabinet great care has been taken to obtain such specimens as will aid in the study of zoology and kindred subjects.

Our cabinet contains more than two hundred varieties of birds' eggs, numbering over 1,200 individuals. This collection includes not only the eggs of our North American birds, but the most prominent orders of South America, Europe, Asia, and Africa. The eggs of the guillimots from the Faroe Islands, and the gulls and auks of Labrador and Iceland are perhaps the most rare. There are also eggs of more than thirty specimens of raptores from the United States, Canada, Mexico, Europe, and Asia.

The ostrich eggs from Africa and the penguin from South America are among the most valuable.

We would take this occasion to request any friends of the College, who have material to spare for a cabinet, to donate or deposit it. In either case they will be duly credited, and the specimens will be well cared for and freely used in different departments.

### *College Organizations*

The Henry Clay and Websterian are composed of young men, and the Philomathean and the Zatasian of the young women.

**LITERARY SOCIETIES** These societies afford an opportunity for the development of the power of extemporaneous speaking, for training in parliamentary rules, and general culture. The efforts which have been made for improvement during the year are worthy of praise.

While under the control of the denomination of Friends, Guilford College is non-sectarian. In accordance with the purpose of the founders, the religious life of the institution has ever been fostered with earnest solicitude, and its religious influence has been positive and in harmony with evangelical Christianity.

**RELIGIOUS PURPOSE**

Aside from Christian character, no amount of intellectual training can prepare young men and women for usefulness in life. The College, therefore, regards

it of the utmost importance that a positive, healthy, religious life be maintained.

Each school day is entered upon with devotional exercises, in which, by reading from the Bible or other suitable works, or by brief talks and such other exercises as seem most appropriate, special effort is made to promote holiness of life.

All students are required to attend the regular meetings for worship held once a week. Prayer meetings are held each week.

The Young Men's Christian Association, and also the Young Women's, have a large active membership, and exercise a strong and wholesome religious influence. These associations conduct Bible classes, missionary study classes and hold religious meetings; all of which are helpful in maintaining an active religious interest throughout the student body.

The Joseph Moore Science Club was organized a few years ago to offer opportunity to students and members of the faculty who wish to do special work in science. Meetings are held every two weeks, at which lectures are given or discussions held on important phases of modern science.



For the purpose of stimulating interest in literary matters outside the curriculum proper, there is an organization known as the Guilford College Literary Club, which meets every second week during the school year. The meetings are informal, and are participated in by both students and members of the faculty.

The Biblical Seminar is an organization of young men, who hold bi-weekly meetings and devote themselves to discussion of topics relating to the work of the Christian ministry.

The Athletic Association is an organization whose purpose is to have oversight of the athletic interests of the College, embracing all the forms of physical culture maintained at the College, as baseball, basket-ball, lawn tennis, and track athletics.

The Alumni Association is organized with the following officers: President, Jos. D. Cox, '04; Vice-President, Eugene J. Coltrane, '07; Secretary, Margaret Davis, '09; Treasurer, A. A. Dixon, '09; Registrar, Julia S. White, '91.

The purpose is to extend aid to the College in various ways.

A loan fund has been created by the Association for assisting students.



The Association has committees on Athletics, the Campus, Literary Productions, all of which, with the Executive Committee, are engaged throughout the year. The President's address each year at the meeting held in commencement week, as well as the annual oration, has often served to awaken a more general interest in the affairs of the College. The Association publishes the August Bulletin, in which reports of the year's proceedings can be found.

### *Scholarships*

Bryn Mawr College offers yearly to the young woman  
of the graduating class making the  
**BRYN** highest average grade a scholarship  
**MAWR** of the value of four hundred dollars.

The candidate is selected on the ground of excellence in scholarship, and must have been a student at Guilford at least two years.

Haverford College offers annually to the young man  
of the graduating class making the  
**HAVERFORD** highest average grade a scholarship  
of three hundred dollars. No one will be considered eligible as a candidate who has not been a student at Guilford College at least two years.

The Class of 1904, in memory of their esteemed member, Marvin Hardin, whose beautiful life amongst us was brought to a close in October, 1907, have endowed an annual tuition scholarship; the same to be awarded to the sophomore making the best average in the sophomore studies, said amount to be available in the spring of the senior year, and only upon the condition that the student winning the money remain at Guilford during the junior and senior years.

### *Prizes*

The four literary societies, the Websterian, the Henry Clay, the Philomathean, and the Zetasian, each award two prizes every year—an orator's prize and a prize for improvement. These incentives to improvement in debate and composition serve a good purpose in promoting the literary interests of the membership.

The Class of 1905 have established a prize to be awarded each year to the member of the freshman class who delivers the best declamation at a contest held near the close of the year.

A prize of ten (\$10.00) dollars, open to all undergraduates and graduates, is offered annually for the best paper, oration or lecture on "College Patriotism and the Means of Securing It."

The prize will be awarded at each commencement. Competitors are urged to discuss the subject on the basis of facts and to avoid mere theories.

No production will be considered in competition for this prize which contains less than fourteen (1,400) hundred words and which does not give evidence of a study of conditions as they exist in Guilford College.

The committee of award shall consist of the Professors of English and History and a third member to be selected by the President of the College.

### *Honors*

Members of the freshman and of the sophomore classes, pursuing a regular amount of work, whose grades do not fall below 90 per cent. in any subject, shall be entitled to "Honors".

Members of the junior class who receive an average grade of 95 per cent. in their major work and do not receive a grade below 90 per cent. in any subject, shall be entitled to "Special Honors".

Those members of the senior class who have received "Special Honors" in their junior year, and whose average grade in the senior year does not fall below 95 per cent., shall be entitled to "Highest Honors".

No honors shall be bestowed upon a student whose deportment is unsatisfactory.

*Journal*

In addition to the regular literary work the societies of the College have for the past twenty-five years sustained the "GUILFORD COLLEGIAN", a journal that occupies a creditable position among college publications.

THE COLLEGIAN gives its readers some insight into the student life at the College. It is also a means of developing a taste for literary work and facility in composition on the part of those engaged in its editing.



## EXPENSES

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The statement below embraces the entire necessary cost of attendance at Guilford College, except for books and stationery. No attempt is made to make a student's expenses appear less than they will actually be.

### *College Department*

Board, tuition and laundry, each term .....\$104.50

Payable in advance as follows:

September 8th .....	\$55.00
November 7th .....	49.50
January 23rd .....	55.00
March 27th .....	49.50

### *Preparatory Department*

Board, tuition and laundry, each term .....\$ 99.50

Payable in advance as follows:

September 8th .....	\$53.00
November 7th .....	46.50
January 23rd .....	53.00
March 27th .....	46.50

These figures, \$209.00 or \$199.00 for a year, cover all charges for comfortably furnished rooms in Archdale Hall, Y. M. C. A., or on the third floor of Found-

ers Hall, two students in a room, single spring beds, one 16 c. p. electric light, fuel, board, laundry, bath, use of nursery in case of sickness, and tuition in all regular courses. In case of protracted sickness a charge will be made for medical treatment.

### *Tuition per Term*

In College Department, first payment . . . . .	\$17.50
In College Department, second payment . . . . .	15.00
In Preparatory Department, first payment . . . . .	15.00
In Preparatory Department, second payment . . . . .	12.50

### *Extra Charges per Term*

Room rent on second floor Founders, extra for each student . . . . .	\$ 5.00
Room rent in Cox Hall, extra for each student . . . . .	8.00
Chemistry A or VI . . . . .	3.00
Chemistry I or IV . . . . .	5.50
Other Courses in Chemistry . . . . .	7.50
Biology . . . . .	2.50
Astronomy . . . . .	1.00
Surveying . . . . .	1.00
Physiology . . . . .	.50
Physics A . . . . .	3.00
Other Courses in Physics . . . . .	5.00
Bookkeeping or Banking . . . . .	10.00
Domestic Science—Sewing . . . . .	5.00
Domestic Science—Cooking . . . . .	5.00
Expression . . . . .	3.00

Persons rooming alone are charged extra.

All extra charges and fees are due in the first payment of each term.

Meals to the sick in rooms, except in nursery, will be charged extra.

A graduation fee of \$5.00 is charged at the close of the college course.

Students who have their laundry done at home and who are absent from the College each week from Friday evening to Monday morning are allowed \$10.00 reduction each term.

No reduction will be made for absence for the first two weeks at the beginning or for the last two weeks at the close of a term.

### *Charges for Music*

Course I, Music Appreciation. In class, per term .....\$ 2.50

Course II, Foundation Principles. Two lessons a week, per term ..... 20.00

Course III, (A) Piano Playing, two lessons a week, per term ..... 20.00

(B) Singing, two lessons a week, per term 20.00

Piano Playing or Singing, one lesson a week .. 12.50

(C) College Chorus (charge for sheet music only).

Use of piano for practice, one period daily, per term .....	2.50
Each additional period, per term .....	2.00
Certificate for graduation in music .....	2.00

### *Club Rates for Board*

To meet the demands for cheaper living, arrangement has been made by which young men can furnish their own provisions and board at cost. A dining hall has been prepared for this purpose. The rooms in cottages are furnished with stoves, bedsteads, mattresses, chairs, tables, and electric lights. The charge of \$15.00 per term for each student covers room rent and wages of a cook in charge of dining-room and kitchen, and wood sawed right length for stove, electric lights and use of bath. The club must meet expense of splitting wood and bringing in wood and water for cook room, and each boy must keep his room swept. Provisions may be brought from home and their market value received in credit.

Under this plan of boarding, expense for board need not exceed cost for each student. Students who avail themselves of this system live well, and have the same advantages and are under the same regulations as those who board in the College.

If young men wish to board in the club and room in Archdale Hall or in the Y. M. C. A. Hall, the



charge for room rent, laundry and cooking will be \$24.50 per term for each student.

Girls may enter New Garden Hall on the following terms: Each girl agrees to perform cheerfully and satisfactorily her allotted part of the household duties, to pay to the Treasurer of the College \$12.00 per term room rent and to the Matron of New Garden Hall cost monthly, in advance, for board. Board may be paid in provisions at market prices or in money.

### *Payment of Bills*

**Payment of all bills for each term must be made in advance.**

Students, when they enter at mid-term, will be charged from the time of entering until the close of the term, except by special arrangement. In case a student is absent from College on account of protracted sickness of ten days or more a pro rata part of the money paid will be refunded on presentation of a physician's certificate that he is not able to return. If a student should leave the institution for any other cause or be expelled or suspended, he will forfeit the money advanced.

All communications relating to financial matters should be addressed to the Treasurer, George W. White.

## MISCELLANEOUS

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Within twenty-four hours after arrival at the College all students are required to procure a registration card and meet the Treasurer and make satisfactory arrangement for the settlement of bills.

At the beginning of the term, students are expected to observe all the regulations of the College from the time of their arrival. Before taking meals in the dining-room they must enroll their names upon the register in the Treasurer's office. A strict observance of this regulation is expected.

Students who prefer to do so may board and lodge elsewhere than in the college buildings, at such places as are satisfactory to the faculty, and under such regulations and restrictions as may be prescribed.

Students engaging rooms at the beginning of any term are not at liberty to withdraw to any other boarding place during that term.

The privilege of the bath-rooms is not open to students who do not board in the College.

The fact that students board outside the College gives them no exemption from attendance upon study hours, morning collection, meetings for worship, Scripture classes, or lectures.

If any student wishes to have an open account for books, it is requested that a deposit of five dollars be

made to his or her credit in the book and stationery department. A full statement of purchase can be secured at any time and balance due remitted to Mary E. W. White, who has charge of this department. The book store is open Monday, Wednesday, and Friday of each week, 8:00 to 9:00 a. m., and 1:00 to 2:00 p. m.

Boarders furnish the white linen and all covering for their beds, also their own soap, towels, and table napkins.

Great care in all the household arrangements is taken by the Matron for the accommodation and comfort of the students.

Each boarding student is allowed three meals each term free for his visiting friends.

Every student entering the College thereby pledges himself to obey faithfully its laws and regulations.

Special care should be taken to comply with the requirement that all articles of apparel be plainly marked with the name of the owner in full in indelible ink.

No student can have more than a reasonable amount of washing done without extra charge.

It is desirable that all students should be provided with overshoes and umbrellas.

Students upon arrival are expected to report at the President's office. For classification they will consult the Dean.

Rooms in the dormitories will be under the careful



daily inspection and supervision of the Matron of the College.

Each occupant is held responsible for the condition of his room, and is required to keep it in decent order.

Occupants are held responsible for disorders occurring in or issuing from a room, and any misappropriation, damage, or defacement of furniture or buildings, beyond necessary wear and tear, will be paid out of the Athletic Association Contingent Fund, unless settled by the person doing the damage as required.

Students are met at Guilford College station, on railroad leading from Greensboro to Winston-Salem, at the opening of each term, and conveyed to the College. For conveyance to and from the station, a moderate charge will be made to students, teachers, or visitors.

In order to secure safe and prompt delivery, express packages or postoffice money orders for students should be sent in care of Guilford College.

Telegraph and express offices are established at Guilford College railroad station.

The College has telephone connection with Greensboro and other points on the long distance line.

All students sustain a great loss who are not present at the opening of the term.

Applications for leave of absence, or for removal from College, should be made by the parent or guardian directly to the President. Parents who consult



the highest interest of their children will not call them out of school without some urgent reason.

While the management of the College will cordially provide for and encourage every kind of physical training, intercollegiate contests when permitted will be subject to such rules and regulations as the Advisory Board of Athletics may provide.

### *Discipline*

It is taken for granted that any student who enters the institution does so for the purpose of persistent work, and that he will render due respect to the regulations, all of which are designed to promote the general welfare of the College, and to give to each member thereof full opportunity to use the many advantages for study here offered.

Students are put upon their honor, and great pains taken to maintain with all a friendly and helpful relation. The co-operation of all is sought.

If a student shows little or no inclination to study, or fails to co-operate with the faculty in maintaining good order, or engages in practices which are harmful in their influence over others, or to the reputation of the College, his parents or guardian will be informed of the facts and unless amendment be promptly made, he will be dismissed, or his parents requested to withdraw him.

The reading of pernicious literature, the use of intoxicating drinks, habitual indulgence in profane

language, carrying pistols or other dangerous weapons, would be considered grave offenses, and treated accordingly. Gunning is not allowed.

The effect of tobacco on the minds and bodies of the young is so injurious that the College desires to take all proper means to discourage its use, and will not allow it on the grounds or around the buildings. If any students persist in using it elsewhere, their standing will thereby be lowered and so entered on their records.

### *Donations and Bequests*

Any friends of Guilford College who wish to make donations for Special or General Endowment or to leave any bequest to the Trustees of Guilford College, are invited to correspond with President Hobbs.

#### FORMS OF BEQUESTS

I give and bequeath to the Trustees of Guilford College, Guilford County, North Carolina, the sum of ..... dollars, to be applied at the discretion of its trustees for the general purposes of said College.

I give and bequeath to the Trustees of Guilford College, Guilford County, North Carolina, the sum of ..... dollars, to be safely invested by the trustees of said College and called the ..... Scholarship Fund. The interest on this fund shall

be applied, at the discretion of the trustees of said College, to the aid of deserving students.

I give and bequeath to the Trustees of Guilford College, Guilford County, North Carolina, the sum of ..... dollars, to be safely invested by the trustees of said College as an endowment for the support of a Professorship for ..... in said College.

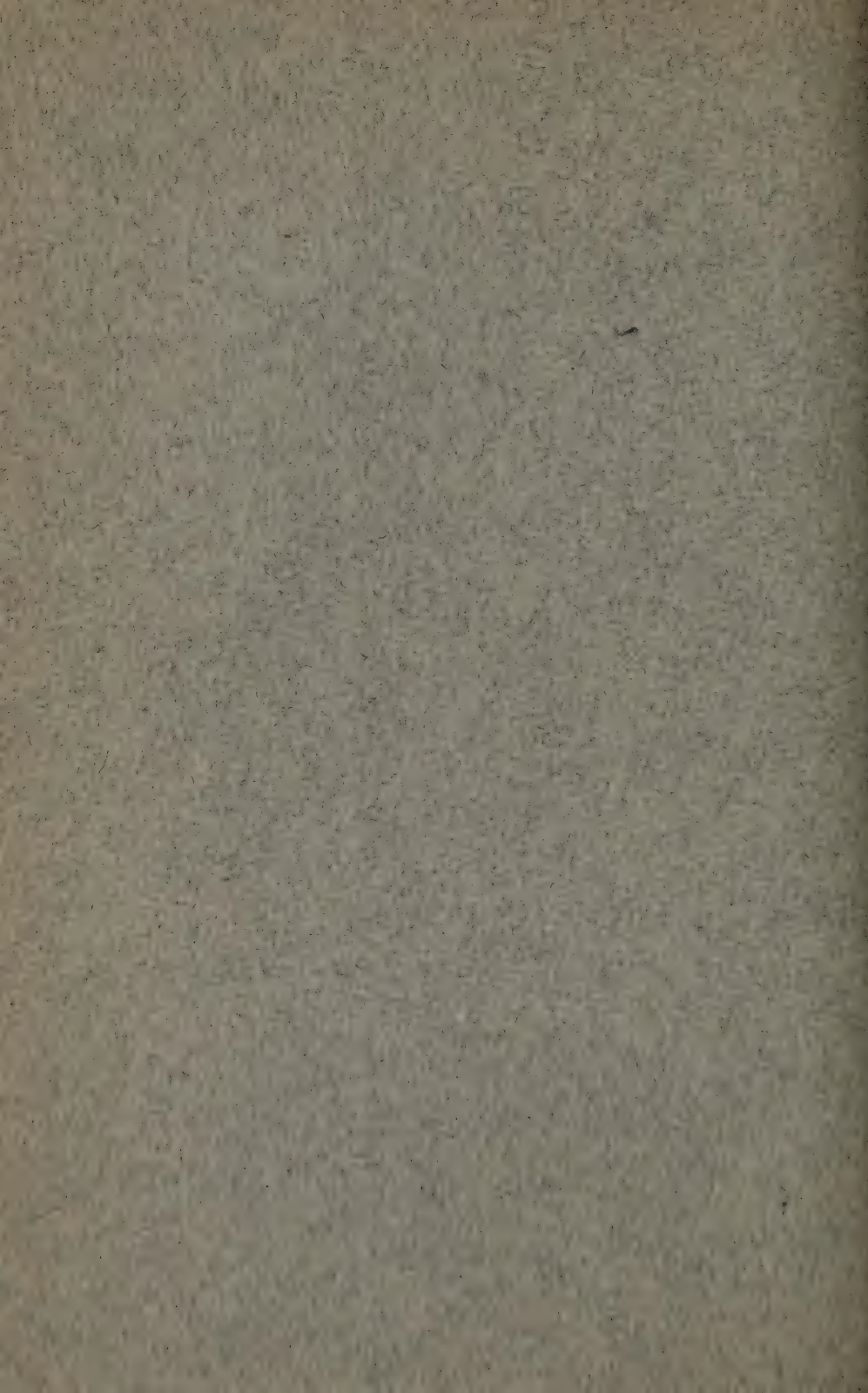














# GUILFORD COLLEGE BULLETIN

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EDITORS:  
THE PRESIDENT AND A COMMITTEE OF THE FACULTY

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CATALOGUE NUMBER  
1914-1915

PUBLISHED QUARTERLY BY GUILFORD COLLEGE  
GUILFORD COLLEGE, N. C.

# 1915

## JULY

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## AUGUST

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## SEPTEMBER

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## DECEMBER

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# 1916

## JANUARY

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## FEBRUARY

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## MARCH

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## APRIL

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## DECEMBER

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# College Calendar 1915-1916

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## *Seventy-Ninth Academic Year*

1915. September 7—Tuesday,  
Entrance Examinations, 9 a. m., and 2 p. m.  
September 8—Wednesday, 9 a. m.,  
Fall term begins.  
November 6—Saturday,  
Midterm Examinations.  
November 25 and 26—Thursday and Friday,  
Thanksgiving Holidays.  
December 22 to }  
1916. January 4, inclusive } Christmas Vacation.  
January 17 to 22—Monday to Saturday,  
Midyear Examinations.  
January 22—Saturday,  
Fall Term closes and Spring Term begins.  
March 25—Saturday,  
Midterm Examinations.  
April 24—Monday,  
Easter Holiday.  
April 29—Saturday, 8 p. m.,  
Oratorical Contest—Henry Clay Society.  
May 6—Saturday, 8 p. m.,  
Oratorical Contest—Zatasian Society.  
May 13—Saturday, 8 p. m.,  
Oratorical Contest—Websterian Society.  
May 20—Saturday, 8 p. m.,  
Oratorical Contest—Philomathean Society.  
May 27—Saturday, 8 p. m.,  
Music Recital.  
May 30—Tuesday,  
Commencement.

## *Eightieth Academic Year—1916*

- September 5—Tuesday,  
Entrance Examinations, 9 a. m., and 2 p. m.  
September 6—Wednesday, 9 a. m.,  
Fall Term begins.

### *Board of Trustees*

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E. C. Mendenhall .....	High Point, N. C.
J. Van Lindley .....	Pomona, N. C.
C. P. Frazier .....	Greensboro, N. C.
Henry A. White .....	High Point, N. C.
J. Elwood Cox .....	High Point, N. C.
Wm. T. Parker .....	High Point, N. C.
Jeremiah S. Cox .....	Greensboro, N. C.
W. H. Worth .....	Greensboro, N. C.
David White .....	Greensboro, N. C.
N. C. English .....	Trinity, N. C.
Charles F. Tomlinson .....	High Point, N. C.
John B. Griffin .....	Woodland, N. C.

J. Elwood Cox, *Chairman*  
David White, *Secretary*

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### *Advisory Committee*

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Bertha Cox .....	High Point, N. C.
Roxie D. White .....	Guilford College, N. C.
Mary M. Petty .....	Greensboro, N. C.
Mary D. Cox .....	High Point, N. C.
Mary E. M. Davis .....	Guilford College, N. C.
Priscilla B. Hackney .....	Greensboro, N. C.
Sandia C. Lindley .....	Pomona, N. C.
Gertrude W. Mendenhall .....	Greensboro, N. C.



### *Standing Committees of the Trustees*

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*On Officers*—N. C. English, Charles F. Tomlinson, C. P. Frazier.

*On Literary Department*—C. F. Tomlinson, David White, H. A. White.

*On Boarding Department*—C. P. Frazier, Wm. H. Worth, E. C. Mendenhall.

*On Farm*—W. T. Parker, N. C. English, E. C. Mendenhall, J. Van Lindley.

*On Auditing and Finance*—J. S. Cox, H. A. White, John B. Griffin.

*On Campus and Forestry*—J. Van Lindley, Wm. H. Worth, E. C. Mendenhall, John B. Griffin.

*On Lights, Water and Heat*—H. A. White, J. S. Cox, W. T. Parker.

*On Endowment Fund*—N. C. English, Chairman; J. Elwood Cox, Treasurer; J. S. Cox, C. P. Frazier, H. A. White.

*On Committee to Confer with Committee from Yearly Meeting*—J. S. Cox, N. C. English, C. P. Frazier.

## FACULTY

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LEWIS LYNDON HOBBS, A. M., LL. D.

PSYCHOLOGY AND LOGIC

A. B., Haverford College, 1876; A. M., Haverford College, 1883; LL. D., University of North Carolina and Haverford College, 1908; Principal New Garden Boarding School, 1878-1884; President Guilford College since 1888; President Emeritus, 1915-1916.

THOMAS NEWLIN, A. M., PH. M.

A. B., Haverford College, 1885; A. M., Haverford College, 1892; Ph. M., University of Chicago, 1905; President Whittier College, California, 1907-1915; President Guilford College, 1915-1916.

JAMES FRANKLIN DAVIS, A. M.

GREEK AND BIBLICAL LITERATURE

A. B., Haverford College, 1875; A. M., Haverford College, 1879; Graduate Student Johns Hopkins University in German and Greek, 1877; Student in Germanic Philology, Universities Leipzig and Strasburg, 1879-1880; Assistant Professor Haverford College, 1877-1879; Professor of Greek and German Languages, Guilford College, since 1888.

H. LOUISA OSBORNE, A. B.

LATIN AND HISTORY

A. B., Earlham College, 1887; Student State Normal of Indiana, 1887-1888; Student Chautauqua, New York, Summers 1888-1895, 1902-1904-1909; Teacher Vermillion Academy, Ill., and Bloomingdale Academy, Ind., 1888-1892; Assistant in Latin, Guilford College, since 1892.

## GEORGE WILSON WHITE, A. B.

## MATHEMATICS

- A. B., Haverford College, 1878; Principal Sunbury Academy, N. C., 1878-1880; Principal Belvidere Academy, 1880-1883; Principal New London High School, Ind., 1883-1884; Principal Central Academy, Ind., 1885-1892; Professor of Mathematics, Guilford College, from 1893 to 1913; Assistant in Mathematics since 1913.

## CLEMENT ORESTES MEREDITH, A. B., PH. D.

## LATIN

- A. B., Guilford College, 1900; A. B., Haverford College, 1901; Chautauqua, New York, Summer 1901; Principal Guilford Graded School, North Carolina, 1901-1902; Scholar in Latin, Greek and French, Johns Hopkins University, 1906-1908; Student of Classical Philology in University of Berlin, 1909-1910; American School at Rome, Spring 1910; Ph. D., Johns Hopkins University, 1912; Professor of Latin, Guilford College, since 1902.

## ALLAN WILSON HOBBS, A. B.

## MATHEMATICS

- A. B., Guilford College, 1907; A. B., Haverford College, 1908; Graduate Student Columbia University, Summer 1909; Graduate Student University of Chicago, Summer Quarter 1910; Physical Director and Assistant in Mathematics, Guilford College, 1909-1911; Scholar in Mathematics and Physics, Johns Hopkins University, 1911-1913; Professor of Mathematics, Guilford College, since 1913.

## \* DUDLEY DEWITT CARROLL, A. B.

## HISTORY AND ECONOMICS

- A. B., Guilford College, 1907; A. B., Haverford College, 1908; Principal Mountain View Institute, 1908-1909; Graduate Student in Columbia University, Summers 1910-1912; Professor of History and Economics, Guilford College, since 1909.

## † ALFRED ALEXANDER DIXON, A. M.

## PHYSICS

- B. S., Guilford College, 1909; A. M., Haverford College, 1911; Assistant in Physics Laboratory at Haverford College, 1909-1911; Professor of Physics, Guilford College, since 1911.

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\* On leave of absence 1914-1916.

† On leave of absence 1915-1916.

JOHN STEELE DOWNING, A. M.

CHEMISTRY

B. S., Haverford College, 1911; Assistant in Chemistry, *ibid*, 1911-1912; A. M., *ibid*, 1912; Professor of Chemistry, Guilford College, since 1912.

JOHN BROOKS WOOSLEY, A. M.

HISTORY AND ECONOMICS

A. B., Guilford College, 1912; A. B., Haverford College, 1913; Teaching Fellow in History, *ibid*, 1913-1914; A. M., *ibid*, 1914.

FLORENCE ERMINIE AYER, A. B.

FRENCH AND GERMAN

A. B., Wellesley College, 1914.

SAMUEL WOOD GEISER, A. B., B. Sc.

BIOLOGY AND GEOLOGY

A. B. and B. Sc., Upper Iowa University, 1914; Assistant in Biology, *ibid*, 1911-1912; Principal Consolidated School of Brandon, Iowa, 1912-1913; Assistant in Zoology, Upper Iowa University, and Instructor in Biology, Normal School, Upper Iowa, 1913-1914.

GEORGE MONTGOMERY, A. M.

ENGLISH

A. B., Haverford College, 1913; A. M., Harvard, 1914.

JOSEPH H. PEELE, B. S.

ASSISTANT IN ENGLISH

B. S., Guilford College, 1891; Principal Guilford Graded School, N. C., 1909-1911; Student Summer School, Knoxville, Tenn., 1911; Emerson College of Oratory, Boston, Mass., 1911-1912; Assistant in English and Professor of Public Speaking, Guilford College, since 1912.

ALMA TAYLOR EDWARDS, A. B.

ASSISTANT IN LATIN AND MATHEMATICS

A. B., Guilford College, 1907; Bryn Mawr College, 1907-1908; University of Virginia Summer School, 1911; Teacher of Latin and Mathematics, Chester High School, S. C., 1908-1910; Teacher of Latin and Mathematics, Pineland School for Girls, N. C., 1910-1914.



## JOSEPHINE L. RHOADES

## MUSIC

Certificate of Proficiency, University of Pennsylvania, 1901; Director of Music, Williamston College, Williamston, S. C., 1902-1905; Student in Singing, Herbert Wilbur Greene, New York City, Summers 1901-1902-1903; Student in Music Pedagogy, Mrs. Fletcher Copp, Boston, Mass., Summer 1906; Associate Instructor in School Music Education, English Speech and Expression, Philadelphia, 1905-1910; Director of Music, Harcourt Place School, Gambier, Ohio, 1910-1913; Student, Brussels Conservatoire, Summer 1912; Director Music, Guilford College, since 1912.

## BLANCHE DAWSON, B. Mus.

## VOICE AND ASSISTANT IN PIANO

B. Mus., Greensboro College for Women, 1912; Voice Teacher, Guilford College, 1911-1913; Damrosch School, New York City, 1913-1914.

## INEZ WILSON

## DOMESTIC SCIENCE

Received Diploma in Household Art from the State Normal, Harrisonburg, Virginia, 1914.

## ERNEST GRADY SHORE, B. S.,

## PHYSICAL DIRECTOR

B. S., Guilford College, 1914.

*OFFICERS*

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LEWIS LYNDON HOBBS, A. M., LL. D.,  
PRESIDENT

CLEMENT ORESTES MEREDITH, PH. D  
DEAN

GEORGE W. WHITE, A. B.,  
TREASURER

JULIA S. WHITE, B. S.,  
LIBRARIAN

SARAH E. BENBOW,  
MATRON

ALMA T. EDWARDS, A. B.,  
SECRETARY OF THE FACULTY

MAUD L. GAINES,  
SECRETARY TO THE PRESIDENT

*Standing Committees of the Faculty*

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## BULLETIN

Geo. W. White, C. O. Meredith, H. Louisa Osborne

## THESES AND ORATIONS

A. W. Hobbs, John B. Woosley, George Montgomery, J. F. Davis, J. S. Downing

## COURSES OF STUDY

C. O. Meredith, Geo. W. White, Samuel W. Geiser, Alma T. Edwards, H. Louisa Osborne, A. W. Hobbs, Erminie Ayer

## LIBRARY

Julia S. White, J. F. Davis, J. S. Downing, George Montgomery, Josephine L. Rhoades, Erminie Ayer

## SCHOLARSHIPS AND HONORS

H. Louisa Osborne, C. O. Meredith, Alma T. Edwards

## LECTURES AND DEBATES

C. O. Meredith, H. Louisa Osborne, A. A. Dixon

## CATALOGUE

C. O. Meredith, A. W. Hobbs, Geo. W. White, Erminie Ayer

## RELIGIOUS MEETINGS

J. H. Peele, Geo. W. White, Sarah E. Benbow

## SOCIAL

H. Louisa Osborne, J. S. Downing, Erminie Ayer, John B.  
Woosley, Sarah E. Benbow

## ATHLETICS

E. G. Shore, A. W. Hobbs, J. S. Downing, A. A. Dixon

## PRESS

John B. Woosley, Julia S. White, George Montgomery

## DISCIPLINE

A. W. Hobbs, H. Louisa Osborne, John B. Woosley, A. A.  
Dixon, Alma T. Edwards



# GUILFORD COLLEGE

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## *History*

The Society of Friends was among the earliest religious bodies to organize a church in North Carolina. Their church records embrace a period of two hundred and sixteen years. In 1696-1698, John Archdale, an English Friend, was Governor of the Colony of North Carolina and South Carolina. George Fox, the founder of the Society of Friends, spent a short time in North Carolina in 1672, and was received with great favor by the colonial officials.

The appeal which the Friends made to each individual in meetings for worship and in all church responsibility naturally called for an educated membership—a true democracy. Accordingly, we find among the Friends of our state early discussions of educational needs and a concern arose in the Yearly Meeting in 1833 for better schools. The eloquent Jeremiah Hubbard pleaded for this cause, and Nathan Hunt, of sacred memory, took the subject under his protecting care. His appeals in behalf of a central school aroused the interest of many Friends in other states, and notably of George Howland, of New Bedford, Mass. The decision was reached to found a

boarding school of high grade to meet the needs of the young people. As a result the present Founders Hall was erected, a substantial, two-story brick building, offering accommodations to both boys and girls.

The founders of the school were careful to select a central locality, and a place well reputed for healthfulness of climate and as free as possible from immoral influences or distractions of any kind. They chose a farm six and a half miles west of Greensboro, in a community of progressive, intelligent people. The school was opened on the first day of August, 1837, there being present the first term fifty students—twenty-five boys and twenty-five girls—and it has been operated from that day forward with no interruption, even during the Civil War.

Scarcely any one who knew New Garden Boarding School thirty or forty years ago and  
**FARM AND CAMPUS** who has not recently visited the old foundation made new by buildings and improved farm and campus, could picture the changed condition.

When thirty years ago David Petty of Archdale, N. C., took charge of the farm, there was little to induce one to expect in the future such results as recent years have shown. David Petty was a farmer ahead of his time, and believed the red lands of Guilford could be improved by deep plowing and frequent cultivation. He inaugurated a system of land cul-

ture which immediately began to bear fruit. He dug up stumps, built the first silo in this part of the country, and began improvement on the land to the east of Founders Hall, which up to that time was almost worthless. Now one may see the five-acre field in alfalfa.

The dairy was developed under his management, and the dairy products became an important part of the table supply and have remained so ever since. The herd of Jersey cattle thus gathered together have helped to enrich the soil, and the enriched soil has added to the crops of hay and corn. The present prospect is toward the stocking of a large part of the farm in grass which will not only yield feed for cattle, but will prevent loss of soil by washing rains, and combine more pleasingly with the campus and thus add to the general appearance of the location.

The aim now is to unify all the resources of the College and turn them to the greatest educational effect. Good farming is a product of better education; and the resources of our state in an agricultural way are to a large extent dormant, awaiting intelligence and energy to bring forth all the supplies needed by our people for consumption, and thus to be the means of vast wealth. Better farming will follow better education and more wealth will ensue, and in turn add more means to education, which will begin another cycle of improvement and service.



In 1887, the demand for larger accommodations and a more extensive course of studies **REORGANIZATION** led to the organization of the institution into Guilford College, and a charter was obtained with authority to confer degrees. Previous to this time Founders Hall had been enlarged and remodeled and fitted for a girls' dormitory. To provide for a boys' dormitory and for class rooms and other academic requirements, the large Yearly Meeting house, erected a few years before, was donated by the Yearly Meeting to the school, and converted into a school building, with lodging rooms for young men on the second floor. This improvised building was destroyed by fire in 1885, and a new academic building was erected on the same foundation, and, in honor of Francis T. King of Baltimore, was named King Hall.

Archdale Hall was built at the same time as a dormitory for young men, and named in memory of the Quaker Governor, John Archdale.

The College began its course in the fall of 1888. During the fifty-two years of the school's existence, many distinguished scholars were engaged in teaching and there was early laid a foundation broad enough and deep enough to prevent in subsequent years any superficial display of pretentiousness, reliance being placed upon the power of inspiring students with the love of truth in the various fields of scholarship.



In this period efforts were made to secure endowment, increase the library and equip laboratories, and found a Museum of Natural History. From time to time additions were made to the permanent funds, English and Philadelphia Friends having supplied an amount equal to ten thousand dollars, now known as the Philadelphia Fund. Many contributions were given from year to year to lessen expenses of students. After the change to Guilford College, funds were solicited for buildings and for the increase of endowment.

In 1891 the Y. M. C. A. of the College made appeals for funds to build a hall, and the  
**Y. M. C. A.** result was the erection of the present  
**HALL** building.

In 1897 Benjamin N. and James B. Duke, who were educated at the school, gave ten thousand dollars with which to erect a hall that would accommodate the Natural  
**MEMORIAL** Science departments and also furnish an auditorium.  
**HALL** The building was erected in the year stated, and named Memorial Hall, in memory of their sister, Mary Elizabeth Lyon.

New Garden Hall was erected during the summer and fall of 1907, and was built by  
**NEW GARDEN** the Girls' Aid Committee of North  
**HALL** Carolina Yearly Meeting to meet the needs of girls who desire an education and who are

willing to help themselves by lessening the expense of living. New Garden Hall has every convenience of a modern home—steam heat, well furnished rooms, large dining-room, and well equipped kitchen. By doing their own work in caring for their rooms and in cooking by turns, the girls in this building live in much comfort and at comparatively small expense. There are twenty-four rooms that will accommodate forty-eight girls. Besides, there are two rooms—one for a nursery and one for a nurse—and living rooms for a matron, and a reception room, all well furnished, supplied with water and lighted by electricity.

In 1908 King Hall was destroyed by fire. This led to the erection of two new buildings—the Library and the rear of what is intended to be a commodious academic building.

The Library building is one of the most attractive of the College group. It is strictly  
**LIBRARY** modern in all its appointments, with a fire-proof stack room furnished with steel shelving. In addition to this there is a large vault in which are stored the valuable manuscripts of North Carolina Quaker annals.

The reading room is large, airy and well lighted—an ideal place for study. This room is furnished in light quartered oak—reference shelving, tables, periodical racks, desk and chairs all harmonizing with the oak finish of the building. The friezes and busts

recently purchased add much to the artistic effect of the interior.

There are nearly six thousand volumes in the Library, all of which, except about one thousand saved from the fire of January, 1908, have either been purchased or donated since the above named date. The primary object in the selection of books has been use, and, consequently, our facilities for reference work and supplementary reading are especially worthy of comment.

The Library is open daily to students and persons connected with the College. The subscription list not only includes many of our state dailies, but also a goodly number of the best magazines in general literature, as well as those representing special departments of school work. A few foreign publications are also on the list. The Library is well fitted to be what every library should be—the workshop of the College, the center of the intellectual life of the student body.

The rear extension of the proposed new King Hall contains space for eight class rooms  
**KING HALL** and a physics laboratory, and has in the basement the heating plant from which both this building and the Library are heated.

Cox Hall, a dormitory erected in 1912, furnishes rooms—four in a group—for fifty-  
**COX HALL** four young men. The arrangement of this building is ideal, and the accommodations are



strictly up-to-date, each room being supplied with running water, both hot and cold.

The new church—the Yearly Meeting house which was constructed in 1912 on the campus,  
**CHURCH** located opposite the Y. M. C. A. Hall  
—is used for the regular public religious meetings for the community and the College.

There is also a gymnasium among the group of buildings, 50 x 76 feet, with gallery.  
**GYMNASIUM** This building is much used by the students for indoor training, especially for basketball.

These ten buildings, planned and equipped with much care and expense, provide excellent means for conducting the work of the College; and attention is called to them as an indication of the growth of the College, as well as its promise of continuance of good solid educational work.

For young men, we have three dormitories, and also the cottages for those who desire to lessen living expenses; and for girls, Founders Hall and New Garden. Founders has recently been renewed entirely, except the walls and roof, and made a comfortable, up-to-date home for young women, the expense for which, including heat, has been nearly as great as would be required to erect a new building. New Garden was well planned from the start, and combines many



attractive features as well as the conveniences of a modern dormitory.

For academic work, we have Memorial Hall, containing two laboratories—the chemical and biological—the Museum of Natural History, auditorium, music rooms, two class rooms and the president's office, and the two buildings, the Library and King Hall, which afford good facilities for instruction and study.

To any one who will take time to think about it, the large outlay here represented will reveal a fine equipment for doing good work in the field of education; and these buildings will also show a remarkable expansion and a corresponding improvement made at Guilford College in recent years.

One should also take into consideration the location of these buildings, the large farm owned by the College and the athletic fields, especially the recent work done on the baseball grounds, the making of a running track and the leveling of the inclosed circle to be used as a baseball field; and also the work done recently for the girls' athletic grounds, in the way of leveling and terracing their field west of New Garden Hall. Much more work is to be done in laying out tennis courts for the girls and in leveling the grounds and putting the same in grass, especially the terracing.

The electric plant and system of water supply give the place the conveniences of a city with the advan-

tages of quiet surroundings conducive to study and simplicity of living.

These various and excellent arrangements have been made possible by the generosity and helpfulness of a large circle of friends of Guilford College, and everything has been done with a view to giving young people, young women as well as young men, a healthful and stimulating place at which to spend a few years in substantial educational work and training.

These material equipments represent a pretty large outlay of money and thought, and show that the management has in mind the development and maintenance of an education center that shall stand for all that is best in physical, intellectual and moral training. These buildings and their furnishings are intended to be a solid basis for genuine and thorough educational work, and to show to students and to the public that those who are most vitally responsible for the outcome and general effect of Guilford believe nothing is too good or too expensive that is to go into the moulding of the minds and characters of the young people of our country; that these people deserve the best possible opportunity to become all they are capable of becoming, for their own sakes and for the sake of all those whose lives they will in any way affect.

The location of the College, in the Piedmont Section of the State, one thousand feet above sea, may be considered a part of the material equipment. The supply of pure water, from a well 364 feet deep, is a

means of promoting good sanitary conditions, for nothing is more important in the production of strength of body, of mind and of character than environment. The air we breathe, the water we drink, and the food we consume and the total outlay of energy, thought and money should be so co-ordinated as to exert the greatest possible beneficial effect upon the body of young people whose immediate and future interests are at stake.

Every one needs a comfortable and safe place to live, a place in which the very atmosphere, figuratively speaking, will call the mind to the true and the beautiful and the good, and thus tend, in a very powerful way, to bodily, and mental vigor, and to that ideal of religious activity in which one by losing one's life shall find it.

The encouragement to make still greater provision for the future which has been received  
**ENDOWMENT** from a wide circle of friends and philanthropists, has led to more earnest efforts to increase the efficiency of the College by adding to the permanent funds. From an early period the school has had assistance in a financial way; but in more recent years the donations to the endowment have been greatly augmented.

In 1905, an appeal was made to Andrew Carnegie and he responded by giving \$45,000 to be used as a permanent fund. The same year Dr. D. K. Pearsons



gave to the College \$25,000 as an endowment to stand for the memory of his friend, Dr. Oliver Woodson Nixon of Chicago, who was a native of Guilford County, North Carolina. The same year, also, Benjamin N. and James B. Duke gave \$15,000 to the endowment, making their total donations to Guilford \$25,000. Among the benefactors is Samuel Hill, who gave \$5,000 in memory of his father, Nathan B. Hill, and \$6,000 subsequently for improvements in buildings and grounds. Dr. Alfred H. Lindley of Minneapolis, created a fund of \$5,000 to the memory of his daughter, Ella Lindley. In 1904-1905 a fund of \$12,000 was established to the memory of Harriet Green, an English Friend who labored much in the Gospel among the Friends of America. The Francis White Fund of \$5,000 is in memory of Francis White, who, in his lifetime, gave assistance and great encouragement to the work of education in North Carolina.

The Jonathan E. Cox fund of \$3,000 was established by his son, J. Elwood Cox—endowment.

The Marvin Hardin fund of \$1,300 was established in memory of Marvin Hardin by the Class of 1904—a scholarship fund.

The William Johnson fund of \$1,500—a scholarship fund.

The Richardson Fund of \$2,758, by will of Joseph S. Richardson—a scholarship fund.

The Fowell B. Hill Fund of \$1,000, by will of Fowell B. Hill—endowment.



The Ezra Murray Meader Fund of \$1,000, by will of Elizabeth Meader White—for mathematical department.

The Francis T. King Fund of \$5,000, by will of Francis T. King—for care of buildings and campus.

The Doctor Dicia Baker Fund of \$5,000, by will of Dr. Dicia Baker—for Girls' Aid Committee of North Carolina Yearly Meeting.

The Susanna Osborne Memorial Fund of \$500—for Girls' Aid Committee of North Carolina Yearly Meeting.

The Wells Fund of \$1,000—scholarship fund.

The total sum of permanent funds—those named above and others—is \$182,000. The value of material equipment, including buildings, furniture, apparatus, and farm with its outfit, is \$148,500.

## *REQUIREMENTS FOR ADMISSION*

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Candidates for admission must furnish evidence of good moral character, and those who come from other schools or colleges must furnish certificates of dismissal in good standing.

If from a secondary school, the candidate may be allowed any one of the following alternatives for admission :

1. An entrance examination.
2. A certificate, satisfactory to the Dean, showing that he has won full credit for the required number of entrance units.
3. Permission to register as a special student.

### *Entrance Examinations*

Examinations for admission will be held at 9 a. m. and 2 p. m. on the day preceding the opening of each term, and on Monday preceding commencement.

### *Entrance on Certificate*

When a secondary school furnishes evidence satisfactory to the College that it gives thorough training to its students, the certificate of its principal, filled out

on a form provided by the College, will be accepted as proof of the applicant's preparation. These blank entrance certificates will be furnished on request.

### *Special Students*

A student who gives evidence of fitness to pursue a selected list of courses of study, but who does not seek a degree, may be admitted without certificate or entrance examination. Such an applicant may study special subjects for which he is prepared, or he may take general academic study in preparation for professional education. If he should decide to become a candidate for a degree he must satisfy the regular requirements for admission. In the annual register of attendance each special student is indicated as such, and not as a candidate for a degree.

### *Entrance Units*

An entrance unit is defined as the measure of the work required for completion of one high school subject taken five times each week, in recitation periods forty minutes long, throughout a session of twenty-eight weeks.

### *Regular Admission*

1. For regular admission to full standing as a member of the freshman class fourteen units are required. These must be selected from the list given in the table of entrance subjects on page 29.

2. Candidates for admission to the courses leading to the degree of Bachelor of Arts are required to offer the following subjects for entrance:

English .....	3	Units
Algebra .....	1½	Units
Plane Geometry .....	1	Unit
Latin .....	4	Units
History .....	1	Unit
Physiography .....	½	Unit
Physiology .....	½	Unit
Electives .....	2½	Units

3. Candidates for admission to the courses leading to the degree of Bachelor of Science are required to offer the following subjects for entrance:

English .....	3	Units
Algebra .....	1½	Units
Plane Geometry .....	1	Unit
History .....	1	Unit
Physiography .....	½	Unit
Physiology .....	½	Unit
* Language .....	4	Units
Electives .....	2½	Units

### *Conditional Admission*

Twelve units of credit will be accepted for conditional entrance to the freshman class. No student will be allowed junior rank with entrance conditions.

### *Advanced Credit*

Students desiring credit for work done in other colleges will be required to submit a satisfactory certificate of such work or submit to an examination.

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\* Latin, Greek, French or German. Not less than two units in any one language.



*Table of Subjects Accepted for Entrance*

SUBJECT	TOPICS	UNITS
English A .....	Grammar and Analysis .....	1
English B .....	Composition and Elementary Rhetoric ..	1
English C .....	Selections of Literature .....	1
Mathematics A ...	Algebra to Quadratics .....	1
Mathematics B ...	Quadratics, etc., Binomial Theorem ..	$\frac{1}{2}$
Mathematics C ...	Plane Geometry, complete .....	1
History A .....	Ancient .....	1
History B .....	Mediaeval and Modern .....	1
History C .....	English .....	1
History D .....	American .....	1
Latin A .....	Grammar and Composition .....	1
Latin B .....	Caesar, four books and Composition ..	1
Latin C .....	Cicero, four orations and Composition ..	1
Latin D .....	Virgil, four books and Composition ..	1
Greek A .....	Grammar and Composition .....	1
Greek B .....	Xenophon, four books .....	1
German A .....	Grammar and Composition .....	1
German B .....	Reading and Exercises .....	1
French A .....	Grammar and Composition .....	1
French B .....	Reading and Exercises .....	1
Science A .....	Physical Geography .....	$\frac{1}{2}$
Science B .....	Physics .....	1
Science C .....	Physiology .....	$\frac{1}{2}$
Civics .....	Civil Government .....	$\frac{1}{2}$

## *SPECIFICATIONS REGARDING ENTRANCE UNITS*

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### *English*

#### English A—Grammar and Analysis . . . . . One Unit

Spelling, parts of speech, inflection, syntax, structure of sentences, punctuation, use of capital letters, elementary composition.

#### English B—Composition and Elementary Rhetoric One Unit

Choice of words and their mutual relations, paragraphing and form, different kinds of composition, including letter writing, narration, description, exposition, abundant practice in composition, with readings from masterpieces of American Literature.

#### English C—Literature . . . . . One Unit

The student is required to give careful study to the following: Shakespeare's *Macbeth*; Milton's *L'Allegro*, *Il Penseroso*, *Comus*, *Lycidas*, and some of his *Sonnets*; Scott's *Lady of the Lake*; Arnold's *Sohrab and Rustum*; Carlyle's *Essay on Burns*.

The student is required to read two selections from each of the following groups:

I. Genesis, Exodus, Joshua, Judges, Samuel, Kings, Daniel, Ruth, Esther; Homer's *Iliad*; Virgil's *Æneid*.

II. Merchant of Venice; As You Like It; Twelfth Night; Henry V; Julius Caesar; Midsummer Night's Dream.

III. Robinson Crusoe; Vicar of Wakefield; Ivanhoe; House

of Seven Gables; David Copperfield; Silas Marner; Treasure Island; Cranford.

IV. Pilgrim's Progress; Franklin's Autobiography; Parkman's Oregon Trail; Stevenson's Inland Voyage and Travels with a Donkey; Sir Roger de Coverley Papers; Macaulay's Essay on Warren Hastings; Irving's Sketch Book.

V. Gray's Elegy, and Goldsmith's Deserted Village; Coleridge's Ancient Mariner, and Lowell's Vision of Sir Launfal; Scott's Lay of the Last Minstrel; all of Wordsworth, Shelley, and Keats in Palgrave's Golden Treasury; Longfellow's Miles Standish, and Whittier's Snowbound; Tennyson's Gareth and Lynette, Lancelot and Elaine, and Passing of Arthur; Byron's Childe Harold, Canto IV, and Prisoner of Chillon.

## *Mathematics*

### Mathematics A and B—Algebra

#### One and One-Half Units

Covering the four fundamental operations of algebra, factoring, highest common factor and lowest common multiple, fractions, simple equations, simultaneous simple equations, involution and evolution, exponents, radicals, quadratic equations, equations in the quadratic form, ratio and proportion, variation, and progressions.

### Mathematics C—Plane Geometry . . . . . One Unit

Five books and numerous original exercises taken from other sources.

## *History*

In all of the following work a knowledge of historical geography is required. Not more than two units of credit in history will be accepted, the selections to be made from the following:

**History A—Ancient . . . . . One Unit**

History of Greece to the death of Alexander, and history of Rome to the overthrow of the empire of the west, or to the death of Charlemagne.

**History B—Mediaeval and Modern . . . . . One Unit**

The general history of western Europe from the fifth century, or from the division of Charlemagne's empire, to the close of the nineteenth century.

**History C—English . . . . . One Unit**

The political and social history of England from the period of the Roman occupation to the present day.

**History D—American . . . . . One Unit**

A general outline of United States history, including the period of discovery and settlement, the growth of the English colonies, the French and Indian wars, the revolution and the adoption of the constitution, the growth and expansion of the union, the slavery conflict, the civil war and reconstruction, and the recent development of the nation.

## *Latin*

**Latin A—Grammar and Composition . . . . . One Unit**

Pronunciation, accent, quantity, thorough drill in forms, word formation, syntax, translation of elementary Latin sentences into English, elementary exercises in Latin prose composition.

**Latin B—Caesar . . . . . One Unit**

First four books of Caesar's Gallic War, thorough knowledge of its subject matter, familiarity with forms and construction, continued practice in Latin prose composition.

**Latin C—Cicero . . . . . One Unit**

Cicero's Orations against Catiline; continued practice in prose composition.



Latin D—Virgil ..... One Unit

Four books of Virgil's *Æneid*, forms and construction of poetry, hexameter verse, continued practice in prose composition.

### *Greek*

Greek A—Grammar and Composition ..... One Unit

The forms, inflections, and idioms of Attic prose, syntax, prose composition—one year's work.

Greek B—Xenophon ..... One Unit

Four books of Xenophon's *Anabasis*, study of Greek irregular verbs, syntax, translation of Greek into English and English into Greek.

### *German*

German A—Grammar and Composition ..... One Unit

Grammar, pronunciation, dictation, exercises in translation, both oral and written, and reading of about 100 pages of texts suitable for first year work.

German B—Reading and Exercises ..... One Unit

Continued practice in grammar, dictation, conversation, oral translation from German into English and English into German, and about 300 pages of texts suitable for second year work, along with written exercises in prose composition.

### *French*

French A—Grammar and Composition ..... One Unit

Grammar, pronunciation, dictation, exercises in translation, both oral and written, and reading of about 150 pages of texts suitable for first year work.

**French B—Reading and Exercises . . . . . One Unit**

Continued practice in grammar, dictation, conversation, oral translation from French into English and English into French, and about 300 to 400 pages of texts suitable for second year work, along with written exercises in prose composition.

*Science***Science A—Physical Geography . . . . . One-half Unit**

The knowledge obtainable from a standard school text-book on this subject.

**Science B—Physics . . . . . One Unit**

Any standard school text-book, including class work with lecture demonstrations, problem work and simple laboratory experiments.

**Science C—Physiology . . . . . One-half Unit**

A standard school text-book, with demonstrations and simple experiments. Special attention should be given to such practical subjects as sanitation, diet, and personal hygiene.

*Civics***Civics . . . . . One-half Unit**

A general study of the constitution of the United States and the organization of the executive, legislative and judicial departments of the government; the division of governmental functions between the national and state governments; and the organization and operation of the state governments.

## GROUPS OF STUDIES

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The groups following are constructed in accordance with (1) the required studies and (2) electives. Besides fulfilling the requisite in required studies the student, in any group, must take at least three years' work in a single subject, known as the major subject. The student will select his group according to the major subject which he prefers. The selection of a group should be determined upon entrance into the sophomore year. Electives entitle the student to select any studies which he may choose not in conflict with the authorized program of recitations, provided always that required studies must take precedence of electives in classification. The program of recitations will conform to the groups as outlined.

It should be noted that all students are required to take one year of Biblical instruction, the groups being so arranged that this may be done either in the junior or the senior year.

Piano music and the course in Banking also stand as electives in any year except the freshman. But the maximum amount of music which a student may elect shall be two courses of not less than one year of either the intermediate or the advanced grades.

### *Hours Requisite for Graduation*

The courses are evaluated by the term hour, which equals one recitation hour a week for a term (half year). For graduation in any course a student will be required to complete work equivalent to 126 term hours.

In each of the six groups of studies the requisite hours for graduation shall be determined by the sum of all the required studies and the electives, as prescribed in the groups respectively.

### *Degrees*

The degree of Bachelor of Arts will be conferred on any student who satisfactorily completes Group AI, AII, or AIII, and the degree of Bachelor of Science on any student who satisfactorily completes Group BI, BII, or BIII, provided in either case said student sustains a good moral character.



## COURSES OF STUDY

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### *Group AI—Ancient Classical*

#### FRESHMAN

Livy .....	4	Tacitus .....	4
English Ia .....	4	English Ib .....	4
Greek .....	4	Greek .....	4
Mathematics Ia .....	5	Mathematics Ib .....	5

#### SOPHOMORE

Latin .....	4	Latin .....	4
History .....	3	History .....	3
English II .....	2	English II .....	2
Greek .....	4	Greek .....	4
Physics A .....	4	Chemistry A .....	4

#### JUNIOR

Ancient Language .....	4	Ancient Language .....	4
Biology .....	4	Biology .....	4
German or French .....	4	German or French .....	4
Electives .....	4	Electives .....	4

#### SENIOR

Philosophy I .....	3	Philosophy II .....	2
German or French .....	4	German or French .....	4
Ancient Language .....	3	Ancient Language .....	3
Electives .....	6	Electives .....	6

*Group AII—English Classical*

## FRESHMAN

English Ia .....	4	English Ib .....	4
Livy .....	4	Tacitus .....	4
Mathematics Ia .....	5	Mathematics Ib .....	5
German or French .....	4	German or French .....	4

## SOPHOMORE

History .....	3	History .....	3
English II .....	2	English II .....	2
German or French .....	4	German or French .....	4
Physics A .....	4	Chemistry A .....	4
Electives .....	4	Electives .....	4

## JUNIOR

English .....	3	English .....	3
Biology .....	4	Biology .....	4
Electives .....	9	Electives .....	9

## SENIOR

English .....	3	English .....	3
Philosophy I .....	3	Philosophy II .....	2
Electives .....	10	Electives .....	11

*Group AIII—Political Science*

## FRESHMAN

History or Livy .....	4	History or Tacitus .....	4
English Ia .....	4	English Ib .....	4
Physics A .....	4	Chemistry A .....	4
Mathematics Ia .....	5	Mathematics Ib .....	5

## SOPHOMORE

History .....	3	History .....	3
English II .....	2	English II .....	2
Biology .....	4	Biology .....	4
German or French .....	4	German or French .....	4
Electives .....	4	Banking .....	4

## JUNIOR

History .....	4	History .....	4
English .....	3	English .....	3
German or French .....	3	German or French .....	3
Electives .....	6	Electives .....	6

## SENIOR

Economics .....	4	Economics .....	3
Philosophy I .....	3	Philosophy II .....	2
Sociology .....	3	Ethics .....	4
Electives .....	6	Electives .....	6

*Group BI—Chemistry*

## FRESHMAN

Physics A .....	4	Chemistry A .....	4
English Ia .....	4	English Ib .....	4
Mathematics Ia .....	5	Mathematics Ib .....	5
German or French .....	4	German or French .....	4

## SOPHOMORE

Chemistry I .....	4	Chemistry I .....	4
History .....	3	History .....	3
English II .....	2	English II .....	2
Physics I .....	4	Physics I .....	4
German or French .....	4	German or French .....	4

## JUNIOR

Chemistry II .....	4	Chemistry II, III .....	4
Biology I .....	4	Biology I .....	4
Electives .....	8	Electives .....	8

## SENIOR

Chemistry III .....	4	Chemistry IV .....	5
Philosophy I .....	3	Philosophy II .....	2
Biblical Literature .....	4	Biblical Literature .....	4
Electives .....	4	Electives .....	4



*Group BII—Mathematics and Physics*

## FRESHMAN

Physics A .....	4	Chemistry A .....	4
Mathematics Ia .....	5	Mathematics Ib .....	5
English Ia .....	4	English Ib .....	4
German or French .....	4	German or French .....	4

## SOPHOMORE

Mathematics II .....	4	Mathematics II .....	4
Physics I .....	4	Physics I .....	4
German or French .....	4	German or French .....	4
History .....	3	History .....	3
English II .....	2	English II .....	2

## JUNIOR

Mathematics III .....	4	Mathematics III .....	4
Physics II or Electives ..	4	Physics II or Electives ..	4
Chemistry I .....	4	Chemistry I .....	4
Electives .....	4	Electives .....	4

## SENIOR

Mathematics IV .....	3	Mathematics IV .....	3
Physics III .....	2	Physics III .....	2
Philosophy I .....	3	Philosophy II .....	2
Biology I .....	4	Biology I .....	4
Biblical Literature .....	4	Biblical Literature .....	4

*Group BIII—Biology*

## FRESHMAN

Physics A .....	4	Chemistry A .....	4
English Ia .....	4	English Ib .....	4
Mathematics Ia .....	5	Mathematics Ib .....	5
German or French .....	4	German or French .....	4

## SOPHOMORE

Biology .....	4	Biology .....	4
History .....	3	History .....	3
English II .....	2	English II .....	2
German or French .....	4	German or French .....	4
Chemistry .....	4	Chemistry .....	4

## JUNIOR

Biology .....	4	Biology .....	4
Geology .....	4	Geology .....	4
Physics or Electives .....	4	Physics or Electives .....	4
Electives .....	4	Electives .....	4

## SENIOR

Biology .....	4	Biology .....	4
Philosophy I .....	3	Philosophy II .....	2
Electives .....	9	Organic Chemistry .....	5
		Electives .....	4

## DEPARTMENTS OF INSTRUCTION

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### *Latin*

I. LIVY.—This course embraces two books of Livy with composition weekly. Rapid reading and sight reading on easy passages are employed as tests. Points in history and syntax, together with Livy's style, are emphasized. Four hours a week. Fall term. Freshman.

II. TACITUS.—This course embraces the *Germania* and *Agricola*. Also either the *Poet Archias* of Cicero, or composition, as the case demands, is required. The *Germania* is studied for its intrinsic value as history; the *Agricola* is studied as history and as a biography. The *Agricola* of Tacitus and the *Poet Archias* of Cicero are studied as masterpieces in Latin literature. Four hours a week. Spring term. Freshman.

\* III. SELECTIONS FROM VIRGIL.—This course embraces *Georgics* I and IV, and selections from the *Æneid*. In this course it is intended to set forth the principles upon which Latin poetry is based, the hexameter being the simplest and best representative of Latin verse. The selections are made with a view to illustrate Virgil's method of developing a National

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\* Not given in 1915-1916.

Epic for the Romans. Virgil's style and syntax are an essential part of the course. Four hours a week. Fall term.

IV. SELECTIONS FROM OVID AND PROPERTIUS.—This course embraces selections from the Elegies of Ovid and Propertius illustrative of this department of Latin poetry. The selections from the Metamorphoses of Ovid are very valuable from the mythology which they contain treated in epic form. Four hours a week. Fall term.

V. HORACE.—Many of the Odes and of the Satires and Epistles, and the *Ars Poetica* constitute this course. Poetic peculiarities, sentiment, and elegance of expression in Latin verse are among the things studied. Prosody is an essential part of the work. Four hours a week. Spring term.

VI. CICERO'S TUSCULAN DISPUTATIONS I AND SELECTIONS FROM LUCRETIUS.—This course is given as a study in Roman philosophy. Special attention is called to philosophical thought as expressed by these two authors. The technical meaning of words, and a thorough drill in syntax are emphasized. Four hours a week. Spring term.

VII. ROMAN COMEDY.—This course embraces the *Captivi* and *Trinummus* of Plautus, the *Andria* and *Adelphoe* of Terence. It is the intention of this course to give the student an idea of the fundamental



qualities of Roman comedy. It is in the comedy that one finds daily life depicted, and it is in comedy that the daily speech is used,—two very essential elements toward a correct understanding of the literature of a people. Three hours a week. Fall term.

VIII. TRAGEDY.—This course embraces three Tragedies of Seneca and selections at sight from Gudeman's Latin Literature. Three hours a week. Spring term.

### *Greek*

I. The first term in the study of Greek is devoted to learning the forms of the language, and doing easy exercises from Frost's Greek Primer. In the second term, two books of Xenophon's Anabasis are read.

II. In the second year, the third book of the Anabasis, and about an equal amount of Herodotus are read in the first term. The second term is given to Homer's Iliad.

III. During the first term of the third year Plato's Apology, Crito, and Thucydides are read. The last term is given to New Testament Greek.

For students electing a fourth year in Greek additional reading matter will be furnished according to the wish and efficiency of the class.

## *German*

Students wishing to qualify for German I may present a satisfactory certificate of their school instruction in German, or pass an examination over the work required in German A.

COURSE A.—Course for beginners. The work comprises (1) careful drill in pronunciation, (2) rudiments of grammar, (3) easy exercises in translating into German, (4) frequent writing from dictation, (5) practice in conversation and sight reading, (6) reproduction from memory of short poems, etc., (7) reading of about 150 pages of easy German stories. Among the texts in use are Spanhoofd, *Lehrbuch der deutschen Sprache*; Müller and Wenkebach, *Glück Auf*; Storm, *Immensee* or equivalents. Four hours a week.

COURSE I.—Prerequisite Course A. The work comprises (1) the reading of German stories and plays, (2) continued drill in grammar, (3) practice in prose writing and in translating into German easy variations of texts read, (4) frequent oral and written reproduction of selected passages of texts read. Among the texts in use are *Willkommen in Deutschland*; *Im Vaterland*; Goethe, *Hermann und Dorothea*; Schiller, *der Neffe als Onkel*; Zschokke, *der zerbrochene Krug*. Four hours a week.

COURSE II.—Prerequisite Course I. The work comprises (1) reading of German prose and poetry,

(2) translation into German of variations of texts read, (3) continued drill in grammar, (4) constant practice in oral and written reproductions of portions of texts read, as in Course I. Among authors read are Schiller, Lessing, Goethe, Freytag, Kleist. Three hours a week.

COURSE III.—An advanced course in German literature open to those who have completed Course II.

### *French*

Students wishing to qualify for French I may present a satisfactory certificate of their school instruction in French or pass an examination over the work required in French A.

COURSE A.—Course for beginners. The work comprises (1) careful drill in pronunciation, (2) rudiments of grammar, (3) easy exercises in translating into French, (4) writing French from dictation, (5) practice in conversation and sight reading, (6) the reading of about 150 pages of easy French stories. Among the texts used are Chardenal's Complete French Course; Guerber, Contes et Légendes; Labiche, Le Voyage de Monsieur Perrichon, or equivalents. Four hours a week.

COURSE I.—Prerequisite Course A. The work comprises (1) the reading of modern French in the form of stories, plays, historical or biographical sketches, (2) constant practice as in the first year in

pronunciation, grammar, dictation, composition and construction, (3) translating into French easy variations of text read, (4) frequent oral and written abstracts of portions of text already read. Among the texts in use are Fraser and Squair's Grammar, Part II; François Introductory French Prose Composition; Malot, Sans Famille; Daudet, Morceaux Choisis; Lamartine, Jeanne d'Arc; Pailleron Le monde où l'on s'ennuie and others, including at least one text read at sight. Four hours a week.

COURSE II.—Prerequisite, Course I. The work comprises (1) reading of French prose and poetry, (2) constant practice in giving in French oral or written paraphrases, abstracts or reproductions of texts read, special topics, (3) constant practice in dictation, (4) continuation of composition work. Among authors read are George Sand, Scribe, Loti, Hugo, Corneille, Molière, La Fontaine, Madame de Sevigné, Duval, Histoire de la Littérature Française. Three hours a week.

COURSE III.—An advanced French literary course open to those who have completed Course II.

### *English*

English Ia and Ib are required of all freshmen, English II of all sophomores. The other courses are elective.



Ia.—This course covers the principles of rhetoric and composition. Attention is also given to the reading and careful analysis of model prose selections taken from the best English and American writers. Lectures on the history of the English language. Frequent themes. Four hours, first half year.

Text—Genung, Handbook of Rhetorical Analysis.

Ib. ENGLISH LITERATURE.—The second half year presents a general survey of English Literature from the Anglo-Saxon age to the present day. Lectures, readings in class, outside readings and reports. Four hours, second half year.

Text—Moody and Lovett, English Literature.

II. SOPHOMORE COMPOSITION.—Constant practice in the various forms of prose composition. This course also includes some practice in oral composition. In the second half year lectures on the appreciation of literature. Readings from selected authors. Two hours throughout the year.

Text—Wendell, English Composition; Lomer and Ashmun, The Study and Practice of Writing English.

IIIa. ELIZABETHAN DRAMA.—This course is intended to acquaint the student with the drama of the age of Elizabeth. It consists of an historical survey of the drama, a study of the playwrights immediately preceding Shakespeare with respect to their influence upon him, a study of Elizabethan society and play-

houses, and a few of Shakespeare's early plays. Elective. Three hours, first half year.

Text—Neilson, Chief Elizabethan Dramatists.

III*b*. This course is a continuation of III*a*. All the plays of Shakespeare, several of which are studied critically in class. Lectures on his development as a dramatist. Elective. Three hours, second half year.

IV*a*. NINETEENTH CENTURY PROSE.—During the first half year attention is given to the English prose masters of the nineteenth century, and a more or less critical examination of some of their works. Lectures, readings in class, outside readings and reports. Elective. Three hours a week, first half year.

IV*b*. NINETEENTH CENTURY POETRY.—Lectures on the lives and works of Coleridge, Wordsworth, Shelley, Byron, Keats, Arnold, Tennyson, Browning, Rossetti, Morris and Swinburne. Lectures, class room discussions, outside readings and reports. Elective. Three hours, second half year.

V*a*. AMERICAN LITERATURE.—The purpose of this course is to give the student a general survey of American Literature from 1607 to the present day, with a more or less intensive study of the representative writers of each period. Lectures, recitations, outside readings and reports. Elective. Three hours, first half year.

Text—Wendell and Greenough, History of Literature in America.

Vb. TYPES OF FICTION IN THE EIGHTEENTH AND NINETEENTH CENTURIES.—Typical movements in the development of fiction writing since 1700. The English novel of manners, the historical novel, romantic and realistic tendencies, the novel of purpose, the psychological romance, and various types of the short story will be studied. Lectures, outside readings and reports. Elective. Three hours, second half year.

### *Biblical Literature*

The work in Biblical Literature consists of a survey of Hebrew and Jewish history, with special studies in the prophetic writings during the fall term. The spring term is devoted to the study of the four Gospels. Four hours a week. One year. Required of all students in their junior or senior year.

### *History*

\* I. MEDIAEVAL AND MODERN HISTORY.—In this course the history of Western Europe is studied, outlining the rise of the Papacy, the Crusades, the Renaissance, the Reformation, the French Revolution, and the Development of Modern Europe. Reference work in the Library and reports on special topics form an

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\* Not given in 1915-1916.



essential part of the course. Three hours a week. One year. Elective in Political Science Group in freshman year. Required in all other Groups in the sophomore year.

II. ENGLISH HISTORY.—This is a study of the political, industrial and constitutional development of England from the earliest period to the present time. Special attention will be given the State, the English Church, the Puritan Movement, the Colonial System and the Industrial Revolution. Reference work and reports are required. Three hours a week. One year. Alternates with Course I as an elective in freshman year in Political Science Group and as a requirement of sophomores in all other Groups.

\*IIIa. CONSTITUTIONAL HISTORY.—This is a study of the formation and development of the United States Government, with a close examination of its present form and workings. It is therefore, a combination of history and advanced civics. A text-book is used, but considerable reference work in the Library is required, the results of which are embodied in themes at regular intervals during the term. The aim is not only to develop a knowledge of the history and workings of the Government, but to stimulate an interest in current political life and its responsibilities. Four hours a week. Fall term. Required in the Political Science Group; elective in junior or senior year in all other Groups.

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\* Not given in 1915-1916.



\*IIIb. CONSTITUTIONAL HISTORY.—The nature and origin of government will be traced, together with the development of the modern states: England, France, Switzerland and Germany. This is followed by a study of the general form and working of these governments, with emphasis on the legislative, administrative and judicial functions. Reference work on the subject matter of the course and the current political and diplomatic situation in Europe is done in the Library and reports made to the class. Each member of the class is required to make an independent study of some government not treated in the class and write a theme on it. Four hours a week. Spring term. Required in the Political Science Group; elective in junior or senior year in all other Groups.

IV. AMERICAN HISTORY.—This is a course in advanced American History, and deals with origins, movements and developments rather than mere incidents and facts. A text-book will form the basis of the course, but broad readings, reports, lectures, and discussions will form the major part of the work. The study will extend throughout the year, reciting four hours a week, but will be divided into two parts, as follows:

(a) Fall term: 1492-1789—Colonial Period, Revolution and Independence, Formation of the Government and Origin of Parties.

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\* Not given in 1915-1916.

(b) Spring term: 1789-1915—National Development and Expansion, Slavery Controversy, Civil War and Reconstruction, Period Since the War.

Courses IV*a* and IV*b* alternate with III*a* and III*b*.

### *Economics*

I. ECONOMICS.—This is a general introduction to the principles of political economy. Its purpose is to give a general understanding of current American economic problems and of the forces underlying our industrial life, thus preparing students for more advanced study and the duties of citizenship. The course consists of text-book, collateral reference work and a theme by each student based on a study of some practical economic problem. Four hours a week. Fall term. Junior or senior.

II. ECONOMICS.—This course is a continuation of Economics I. In it a more thorough study is made of certain phases of political economy, including money and banking, transportation, corporations and the tariff. Four hours a week. Spring term. Junior or senior.

III. SOCIOLOGY.—This course strives to explain the basis of society, the social institutions, social pathology and the remedies, and social psychology and progress. Collateral readings and the study of some current social problem is required of each member of the class. Three hours a week. Fall term. Senior.

## *Philosophy*

I. **PSYCHOLOGY.**—A course in general psychology seeking to cover the field of mental facts and processes, supplemented by readings and lectures. Three hours a week. Fall term. Senior.

Text—James's Psychology Briefer Course.

II. **LOGIC.**—Careful attention is given in this course to definitions and explanations of the terms, and much practice in processes of reasoning. Two hours a week. Spring term. Senior.

Text—Jevon's Lessons in Logic.

III. **ETHICS.**—In this course the trend of Christian ethics will be considered historically, and an attempt is made to find a fundamental basis of moral conduct. The work consists of lectures and notes on assigned readings, together with a theme on some phase of ethical study. Four hours a week. Spring term. Senior.

IV. **METHODS OF TEACHING.**—The course in Pedagogy is embraced under the designation of Methods of Teaching and consists of a two-hour course each week for the entire spring term of eighteen weeks. Hamilton's "Recitation" is used as a text-book and also James's "Talks to Teachers". By a discussion of these texts in class with special reference to methods as denoted by such expressions as Induction and Deduction, Analysis and Synthesis, a posteriori and a



priori knowledge much valuable instruction is given that will be useful to those who wish to prepare themselves for teaching. Not only is use made of the brief course in Psychology in James's "Talks", but many members of the classes in the course in Methods have had before entering the study all the Psychology contained in James's Smaller Treatise on Psychology with reference also to his complete work in two volumes. The fact is never lost sight of that knowledge of the subject to be taught is an absolutely necessary preparation for successful teaching and is the fundamental factor.

### *Mathematics*

Ia. COLLEGE ALGEBRA.—This course begins with a review of the ground work of elementary algebra, and includes logarithms, undetermined coefficients, the binomial theorem for fractional and negative exponents, permutations and combinations, and a brief introduction to the theory of equations. Five hours. Fall term.

Text—Fine's College Algebra.

Ib. SOLID GEOMETRY.—Three hours. Spring term.  
Text—Wells' New Plane and Solid Geometry.

Ib. PLANE TRIGONOMETRY.—Two hours. Spring term.

Text—Wells' New Plane Trigonometry.



## II. ANALYTIC GEOMETRY AND ADVANCED ALGEBRA.

—About half the year is spent on Plane Analytic Geometry; about eight weeks on Space Geometry and the remaining ten weeks on determinants and Spherical Trigonometry. Four hours throughout the year.

Text—Smith and Gale's New Analytic Geometry.

## III. DIFFERENTIAL AND INTEGRAL CALCULUS.—

Prerequisite, Mathematics II. Four hours throughout the year.

Text—Townsend and Goodenough's A First Course in Calculus.

IV. DIFFERENTIAL EQUATIONS. — Three hours throughout the year.

Text—Cohen's Elementary Differential Equations.

No credit will be given in Courses II, III, and IV for less than a year's work.

V. SURVEYING.—The recitations cover the construction, use and adjustment of the compass, surveyors' and solar transit and level, the use of chains, tapes, rods and other instruments; land surveying, computations, including balancing, supplying omissions, finding areas and dividing land, and United States public land surveys. The field work and computations afford practice chiefly in making a traverse and transit and chain, in leveling, in adjustments of transit and level, and in the computations required to balance and map the traverse. Field work, computa-

tions and mapping; also stadia and plane table work. Three hours. Fall term. Elective.

VI. DESCRIPTIVE ASTRONOMY.—This course aims to give such information concerning the heavenly bodies and the laws by which they are governed as must be secured by every one who aspires to the possession of a liberal education. The student learns the method of determining the figure, dimensions, distances, motions, physical character, and telescopic appearances of the bodies constituting the solar system, nature of comets, meteors, stars, nebulae.

A small telescope, a solar transit, a student's spectrometer, sextant, clinometer, and sundial enable students to supplement their work with interesting observations as are required. Two hours a week. Spring term. Elective.

### *Physics*

During the past year the Department of Physics has installed in the south room in the basement of King Hall, a  $3\frac{3}{4}$  kilowatt, 110-volt D. C. generator, a 6 horse-power oil engine, and a rotary vacuum pump and compressor. A generator, driven by the engine, delivers current to the two rooms occupied by the Physics Department in King Hall, to the lecture room of the Chemistry and Biology Departments, and to both of the Chemistry laboratories. A 14-volt storage battery current is also available in all of the above mentioned rooms. The rotary pump furnishes either

compressed air or a vacuum in all the rooms of the Chemistry and Physics Departments, and is also used to pump gas from the generator in Memorial Hall to a storage tank in King Hall, thus supplying the Physics laboratory with gas.

A. An elementary general course including textbook work, individual laboratory measurements, lecture experiments and problem work making use of Algebra and Plane Geometry. This course is intended as an introduction to Physics I and is not equivalent to a half year's work in that course. Required of all freshmen who do not present Physics for entrance. Four hours. Fall term.

Text—Carhart and Chute's First Principles of Physics.

I. This course is open to those who have completed Physics A or its equivalent and who have a good working knowledge of Plane Trigonometry. Mechanics, heat, sound, light, electricity and magnetism are studied in detail. In this course at least one period of laboratory work is required each week. Four hours throughout the year.

Text—Carhart's College Physics.

II. ELECTRICITY AND MAGNETISM.—A lecture and laboratory course in Electricity and Magnetism. In this course special attention will be given to the examination of specimens of iron, plotting hysteresis curves,



measurement of capacity, quantity inductance, electromotive force, etc. Four hours throughout the year.

III. MECHANICS.—Theoretical Mechanics with laboratory work. Two hours throughout the year.

No credit will be given in Courses I and II for less than a year's work.

### *Biology and Geology*

For all four-hour courses in the department, six periods of laboratory work are actually required, together with one quiz and two lecture periods per week.

Students intending to major in the department are advised to elect, as far as possible, Physics, Mathematics, Chemistry, and Modern Languages. The claims of Greek, and especially Latin, can hardly be too strongly urged in the preparatory work of the student.

I. GENERAL BIOLOGY.—A careful laboratory study of a large number of selected animals and plants; lectures on systematic Botany and Zoology, and on the relation of plants and animals to man; required readings on the philosophy and history of Biology, with suggested collateral readings. *No credit is given for less than a full year's work.*

Texts—Abbott's *General Biology*; Locy's *Biology and Its Makers*, and others. Four hours throughout the year.



\*IIa. MAMMALIAN ANATOMY.—Based on the dissection of the cat. Lectures and demonstrations on Comparative Anatomy of Vertebrates. In the last few weeks the student is given an opportunity to learn simple micrological technique. The course is of especial value to those intending to study medicine.

Texts — Davison's *Mammalian Anatomy, with Especial Reference to the Cat*; Wilder's *Mammalian Anatomy*, and others. Fall term. Four hours.

\*IIb. EMBRYOLOGY.—A study of the development of the chick, and either a frog, necturus, or amia. Morgan's *Development of the Frog's Egg*, and Lillie's *Development of the Chick*, are used as bases of work. The results to be expected from Experimental Zoology are emphasized, and an encouragement given toward such study. Collateral reading. Spring term. Four hours.

IIIa. PLANT BIOLOGY.—An intensive study of the morphology and physiology of some one class of plants is made. For 1915-1916, the Algæ will be studied—a cytological course; there will be some training in methods of plant micrology.

Texts by Ward, Coulter-Barnes-Cowles, Wolle, Collins, and others will be used.

Fall term. Four hours.

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\* Offered 1915-1916, if three enroll for course.

IIIb. BACTERIOLOGY AND SANITATION.—This course consists of a study of the methods of cultivating and isolating bacteria. Both free-living and parasitic bacteria will be studied. Readings and lectures on sanitation and the conquest of disease will follow the study of bacteriological methods.

Texts—Ellis' *Bacteriology* and manuals.

Spring term. Four hours.

IV. GEOLOGY.—Recitations, laboratory and field work, together with collateral reading. The common rocks and minerals are studied and identified, their dynamic, structural, and historical geology is studied in connection with field trips, stereopticon illustrations, and the examination of fossils in the museum. Four hours a week throughout the year. No credit for less than a year's work.

Text—Chamberlin and Salisbury's *College Geology*, with references to the author's larger work. Prerequisites, Biology I, Physics A, Chemistry I.

## *Chemistry*

A. The work covers the ground of an elementary course and is an introduction to Chemistry I. The general principles of the subject are taken up and many of the applications of chemistry to daily life are discussed. The lectures and recitations are accompanied by numerous experimental demonstrations. Required of all Freshmen except those electing Groups AI and

AII, and required of those students in their Sophomore year. This course is not the equivalent of a half year's work in Chemistry I. Lectures, recitations and laboratory work. Four hours. Second half year.

I. GENERAL CHEMISTRY.—This course consists of a thorough study of the more important elements and their compounds. In general, there will be two lectures or recitations and two laboratory periods each week. The laboratory work consists of the preparation and study of the properties of the non-metallic elements and their compounds. The lectures and recitations are accompanied by many experimental demonstrations. Required Sophomore year of all students electing the Chemistry Group and Junior year of all students electing the Physics and Mathematics Group. No credit will be given for a half year's work in this course. Four hours the entire year.

Text—Alexander Smith, General Chemistry for Colleges.

II. QUALITATIVE ANALYSIS.—This course is as practical as possible, consisting of a thorough study of the methods for the separation and detection of the bases and acids. Analyses are made of simple salts and minerals. There is at least one lecture or recitation each week. Prerequisite, Chemistry I. Four hours or more by arrangement.



III. QUANTITATIVE ANALYSIS.—Analyses of pure salts are made by the simpler gravimetric and volumetric methods, as well as complete analyses of ores and technical products. Prerequisites, Chemistry I and II. Four hours or more by arrangement.

IV. ORGANIC CHEMISTRY.—This course consists of a study of the principal compounds of carbon and their derivatives. In general, there will be three recitations and two laboratory periods of three hours each per week. This course is required of all students in the Chemistry Group and will be useful to students of biology and medicine. Five hours. Second half-year.

Text—Remsen, Organic Chemistry.

V. ADVANCED QUANTITATIVE ANALYSIS.—This is a continuation of Course III, and consists of the analysis of water, milk, steel, fertilizers, etc. Hours to be arranged.

VI. CHEMISTRY OF FOOD AND NUTRITION.—This course will comprise a study of the organic and inorganic foodstuffs, the changes which they undergo in body metabolism, the energy value of different foods and their economic value. As far as time will permit, additional topics, such as the Pure Food Law and the manufacture of some of the more important food materials are taken up. Lectures, laboratory work and outside reading. Prerequisite, Chemistry A. Four hours. First half-year.



In all courses in Chemistry, except Course IV, one laboratory period consists of two and one-half actual hours.

A breakage fee of 50 cents, which is included in the term fee, is required of all students in the Chemistry Department.

### *Bookkeeping and Banking*

MODERN ILLUSTRATIVE BOOKKEEPING.—A course in practical work with checks, drafts, notes, deposits, discounts as practiced by progressive business houses in Double and Single Entry Systems and Special Column Journalizing, with balance sheets and business statements. Full set of blank books, commercial papers, college currency and forms are furnished the student for practice in bookkeeping.

When preparing for Banking, students should select Bookkeeping, History, English, Physics, Economics and read "Money, Banking and Finance", "Commercial Law", and "Management of Business Houses".

MODERN ILLUSTRATIVE BANKING AND BANK ACCOUNTING.—This course consists of a detailed account of the organization, management and most approved practice in banking as to actual work of each department and proofs for same, using forms and vouchers and regular bank books for each day's work. Lessons

on the Burroughs adding machine will supplement this work.

Bookkeeping, Fall Term. Banking, Spring Term.  
Certificate granted for completing the course.

The extra charge of \$10.00 per term includes blanks and vouchers. Required in Course AIII, and can be elected in any course.

### *Department of Music*

I. MUSIC APPRECIATION.—Open to all students. One hour through the year.

This course is designed for those who have not and never expect to have any technical proficiency. Its purpose is to develop intelligence in listening to music and to present those musical topics with which a well informed person should be familiar.

II. FOUNDATION PRINCIPLES.—Open to all students. Two hours through the year.

This course, or its equivalent, is necessary for admission to Practical Course (A) Piano Playing. It assumes that the student knows nothing about music practically or theoretically. It includes methods for learning the keyboard and staff; measure, meter, rhythm, accent; major and minor scales; principles of fingering; of touch; intervals; ear-training; key-tonalities; phrasing; keyboard harmony.

III. PRACTICAL COURSES. (A) Piano Playing; (B) Singing; (C) College Chorus. Course A is open to students who have completed Course II or its equivalent. Students accepted in Courses A and B are required to take Courses I (Music Appreciation) and C (College Chorus). Credit toward the B. A. degree will be given in Courses A, B and C, provided the work done is sufficiently advanced in character. Courses A, B and C, two lessons each per week, through the year.

(A) Piano Playing. Emphasis is laid upon the following points: Principles of Practice, Harmony and Harmonic Analysis, Form and Melody Writing, Sight-reading, Varieties of Touch, Ear-training, Interpretation, General Musicianship.

(B) Singing. Emphasis is laid upon training the ear to hear and the speech organs to form well-shaped vowels and distinct consonants; placing the tone to secure purity, resonance and color; principles of interpretation.

(C) College Chorus. Conditions for entering are sufficient talent and knowledge along the lines of voice and instrument to be of value to the organization. Intended to make possible the singing of some vocal masterpiece.

IV. MUSIC EXTENSION. To cooperate in an effort now being made by the North Carolina Music Teachers' Association, to standardize the teaching of music

throughout the state, rural teachers are invited to affiliate with our music department with a view of submitting for examination the work of their individual pupils. Information respecting this course will be sent upon request.

NOTE.—The subject of Harmony is treated in Courses II (Foundation Principles) and (A) Piano Playing. The subjects of History of Music and Analysis in Course I (Music Appreciation).

### *Domestic Science*

The Department of Domestic Science affords excellent opportunity to young women not only for learning how to do cooking in the best way to secure wholesome food, but also for the economic management of a household. The department includes classes also in sewing.

Girls pursuing this subject may make it elective one hour each term; that is, credit in Domestic Science may count for work towards completing a course for graduation.

### *Public Speaking*

There is a careful study of phonics, articulation, emphasis, tone color, etc. Physical culture is emphasized, since a healthy body is indispensable to the successful public speaker, whose mind and voice must be clear. Since an appreciation of an author's thought



and a clear insight into its arrangement is regarded as the foundation for intelligent public reading, standard selections from literature are carefully analyzed. The ideal we strive to attain is conversational directness. One should speak to an audience as naturally as one talks in private conversation. Affectation and mechanical imitation are disparaged. The student is encouraged to fill his words with thoughts of his own and to fix the attention of the audience upon his subject rather than upon himself.

A short time is given also to the study of parliamentary law. Elective. Three hours per week throughout the year.

## THE PREPARATORY SCHOOL

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A course of training for students who come to us unprepared for college classes has been arranged and embraces the following subjects:

FALL TERM		SPRING TERM	
English B .....	4	English B .....	4
English C .....	4	English C .....	4
Primary Latin .....	5	Primary Latin .....	5
Caesar .....	5	Caesar .....	5
Cicero .....	5	Virgil .....	5
Algebra B .....	5	Algebra B .....	5
Plane Geometry .....	5	Plane Geometry .....	5
Ancient History .....	4	Ancient History .....	4
Bookkeeping (Elective) ..	3		

### *English*

B. Pupils are required in the second year preparatory to study technical English grammar, Elementary Rhetoric, masterpieces in English and American Literature, and Composition. Memory work and outside reading are both required.

C. The third year in English prepares for entrance to the freshman class in College. For the year 1915-1916 the following will be required:

FOR STUDY. — Shakespeare's *Macbeth*; Milton's *L'Allegro*, *Il Penseroso*, *Comus*, *Lycidas*, and some of

his Sonnets; Scott's Lady of the Lake; Arnold's Sohrab and Rustum; Carlyle's Essay on Burns.

FOR READING.—(Two must be selected from each group.)

I. Genesis, Exodus, Joshua, Judges, Samuel, Kings, Daniel, Ruth, Esther; Homer's Iliad; Virgil's Æneid.

II. Merchant of Venice; As You Like It; Twelfth Night; Henry V; Julius Cæsar; Midsummer Night's Dream.

III. Robinson Crusoe; Vicar of Wakefield; Ivanhoe; House of Seven Gables; David Copperfield; Silas Marner; Treasure Island; Cranford.

IV. Pilgrim's Progress; Franklin's Autobiography; Parkman's Oregon Trail; Stevenson's Inland Voyage and Travels with a Donkey; Sir Roger de Coverley Papers; Macaulay's Essay on Warren Hastings; Irving's Sketch Book.

V. Gray's Elegy and Goldsmith's Deserted Village; Coleridge's Ancient Mariner and Lowell's Vision of Sir Launfal; Scott's Lay of the Last Minstrel; all of Wordsworth, Shelley, and Keats in Palgrave's Golden Treasury; Longfellow's Miles Standish and Whittier's Snowbound; Tennyson's Gareth and Lynette, Lancelot and Elaine, and Passing of Arthur; Byron's Childe Harold, Canto IV, and Prisoner of Chillon.

## *Latin*

Three years in Latin are given in the Preparatory School.

I. PRIMARY LATIN.—This is a five-hour course throughout the first year and embraces all the essentials preparatory to a study of higher Latin.

II. CAESAR'S GALLIC WAR AND LATIN COMPOSITION.—This course extends through the second year, embracing four books, I-IV. Composition weekly. An effort is made to develop a ready reading knowledge of Latin. Attention is given to pronunciation, word-forms, case-syntax, moods, tenses, and indirect discourse. Military matters and the geography of the texts are emphasized. Five hours a week.

III. CICERO AND COMPOSITION.—This course embraces the four Orations against Catiline. Composition weekly. Thorough grounding in prose construction is aimed at on the linguistic side. Oratorical style, historical and biographical setting are considered.

IV. VIRGIL AND COMPOSITION.—This course embraces four books of Virgil. Composition weekly. Thorough drill in syntax, poetic peculiarities, and prosody are aimed at.



### *History*

One year of History is required of all preparatory students. This is a course in Ancient History, including Oriental, Greek and Roman.

### *Mathematics*

ALGEBRA B.—Involution and evolution, exponents, radicals, quadratic equations, equations in the quadratic form, ratio and proportion, variation, and progressions. Five hours throughout the year.

Text—Durell and Robins' School Algebra Complete.

PLANE GEOMETRY.—Prerequisite, Algebra A and B. Five books and numerous original exercises taken from other sources. Five hours throughout the year.

Text—Wells' New Plane and Solid Geometry.

### *The Museum*

The Cabinet of Natural History Specimens is one of the most interesting features of the institution. The collection has been formed more especially with reference to giving assistance in class room work than to making a display of peculiar relics. It is a working cabinet rather than a collection of curiosities. We find it indispensable as a means of furnishing examples and illustrations for the various branches of natural history.

Among the most valuable specimens may be mentioned:

The collection of minerals containing more than two hundred varieties.

Specimens of limestone, including stalactites, stalagmites, and other formations from the Mammoth, Luray, and Wyandot Caves.

A number of rocks, representing igneous, metamorphic, stratified, and glaciated specimens.

A collection of fossils, numbering several hundred, giving a good idea of both animal and vegetable life in the Paleozoic, Mesozoic, and Cenozoic eras.

Volcanic Specimens.—The best of which are from the Sandwich Islands and Mount Vesuvius.

Corals.—More than one hundred specimens from the islands of the Pacific, and Florida.

Shells.—Comprising more than one hundred and fifty land and water species.

Marine Animals.—Consisting of fishes, star-fishes, sea urchins, crabs, etc.

Archaeological Specimens.—More than one thousand in number.

A collection of casts of prehistoric implements, numbering over one hundred specimens, a donation from the Smithsonian Institute. The collection illustrates the development of man through the stone, polished stone, and bronze ages.

Mounted Animals.—One hundred and seventy-five mounted birds and animals. Among them are eleven species of hawks and owls, thirteen species of wild duck taken in North Carolina, a pair of wild turkeys, a buffalo head, a large beaver, a wild cat, two minks, an alligator, and other animals. Also one hundred skins of birds and mammals used in class work.

In collecting for the cabinet great care has been taken to obtain such specimens as will aid in the study of zoology and kindred subjects.

Our cabinet contains more than two hundred varieties of birds' eggs, numbering over 1,200 individuals. This collection includes not only the eggs of our North American birds, but the most prominent orders of South America, Europe, Asia, and Africa. The eggs of the guillimots from the Faroe Islands, and the gulls and auks of Labrador and Iceland are perhaps the most rare. There are also eggs of more than

thirty specimens of raptores from the United States, Canada, Mexico, Europe, and Asia.

The ostrich eggs from Africa and the penguin from South America are the most valuable.

We would take this occasion to request any friends of the College, who have material to spare for a cabinet, to donate or deposit it. In either case they will be duly credited, and the specimens will be well cared for and freely used in different departments.



## COLLEGE ORGANIZATIONS

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The Henry Clay and Websterian are composed of young men, and the Philomathean and **LITERARY** the Zatasian of the young women. **SOCIETIES** These societies afford an opportunity for the development of the power of extemporaneous speaking, for training in parliamentary rules, and general culture. The efforts which have been made for improvement during the year are worthy of praise.

While under the control of the denomination of Friends, Guilford College is non-sectarian. In accordance with the purpose of the founders, the religious **RELIGIOUS** life of the institution has ever been fostered with earnest solicitude, and its religious influence has been **PURPOSE** positive and in harmony with evangelical Christianity.

Aside from Christian character, no amount of intellectual training can prepare young men and women for usefulness in life. The College, therefore, regards it of the utmost importance that a positive, healthy, religious life be maintained.

Each school day is entered upon with devotional exercises, in which, by reading from the Bible or other suitable works, or by brief talks and such other exercises as seem most appropriate, special effort is made to promote holiness of life.

All students are required to attend the regular meetings for worship held once a week. Prayer meetings are held each week.

The Young Men's Christian Association, and also the Young Women's, have a large active membership, and exercise a strong and wholesome religious influence. These associations conduct Bible classes, missionary study classes and hold religious meetings; all of which are helpful in maintaining an active religious interest throughout the student body.

The Joseph Moore Science Club was organized a few years ago to offer opportunity to students and members of the faculty who wish to do special work in science. Meetings are held every two weeks, at which lectures are given or discussions held on important phases of modern science.

For the purpose of stimulating interest in literary matters outside the curriculum proper, there is an organization known as the Guilford College Literary Club, which meets every second week during the school year. The meetings are informal, and are participated in by both students and members of the faculty.

The Biblical Seminar is an organization of young men, who hold bi-weekly meetings and devote themselves to discussion of topics relating to the work of the Christian ministry.

**SEMINAR**

The Athletic Association is an organization whose purpose is to have oversight of the athletic interests of the College, embracing all the forms of physical culture maintained at the College, as baseball, basketball, lawn tennis, and track athletics.

**ATHLETICS**

The Alumni Association is organized with the following officers: President, Henry A. White, '94; Vice-President, John B. Woosley, '12; Secretary, Margaret Davis, '09; Treasurer, A. A. Dixon, '09; Registrar, Julia S. White, '91.

**ALUMNI**

The purpose is to extend aid to the College in various ways.

A loan fund has been created by the Association for assisting students.

The Association has committees on Athletics, the Campus, Literary Productions, all of which, with the Executive Committee, are engaged throughout the year. The Association publishes the August Bulletin, in which reports of the year's proceedings can be found.

*Scholarships*

Bryn Mawr College offers yearly to the young woman of the graduating class making the  
**BRYN MAWR** highest average grade a scholarship of the value of four hundred dollars. The candidate is selected on the ground of excellence in scholarship, and must have been a student at Guilford at least two years.

Haverford College offers annually to the young man of the graduating class making the  
**HAVERFORD** highest average grade a scholarship of three hundred dollars. No one will be considered eligible as a candidate who has not been a student at Guilford College at least two years.

The Class of 1904, in memory of their esteemed member, Marvin Hardin, whose beautiful  
**MARVIN** life amongst us was brought to a close  
**HARDIN** in October, 1907, have endowed an annual tuition scholarship, the same to be awarded to the sophomore making the best average in the sophomore studies, said amount to be available in the spring of the senior year, and only upon the condition that the student winning the money remain at Guilford during the junior and senior years.

This scholarship was awarded in 1914 to Laura Etta Davis.



### *Prizes*

The four literary societies, the Websterian, the Henry Clay, the Philomathean, and the Zetasian, each award two prizes every year—an orator's prize and a prize for improvement. These incentives to improvement in debate and composition serve a good purpose in promoting the literary interests of the membership.

The Class of 1905 have established a prize to be awarded each year to the member of the freshman class who delivers the best declamation at a contest held near the close of the year.

### *Honors*

Members of the freshman and of the sophomore classes, pursuing a regular amount of work, whose grades do not fall below 90 per cent. in any subject, shall be entitled to "Honors".

Members of the junior class who receive an average grade of 95 per cent. in their major work and do not receive a grade below 90 per cent. in any subject, shall be entitled to "Special Honors".

Those members of the senior class who have received "Special Honors" in their junior year, and whose average grade in the senior year does not fall

below 95 per cent., shall be entitled to "Highest Honors".

No honors shall be bestowed upon a student whose deportment is unsatisfactory.

### *College Paper*

The literary societies publish a weekly paper called The Guilfordian, which gives the college news and is a valuable means of keeping the alumni and old students and friends of the college posted as to what is going on at the college.

## EXPENSES

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The statement below embraces the entire necessary cost of attendance at Guilford College, except for books and stationery. No attempt is made to make a student's expenses appear less than they will actually be.

### *College Department*

Board, tuition and laundry, each term .....\$104.50

Payable in advance as follows:

September 7th .....\$55.00

November 6th ..... 49.50

January 22nd ..... 55.00

March 25th ..... 49.50

### *Preparatory Department*

Board, tuition and laundry, each term .....\$ 99.50

Payable in advance as follows:

September 7th .....\$53.00

November 6th ..... 46.50

January 22nd ..... 53.00

March 25th ..... 46.50

These figures, \$209.00 or \$199.00 for a year, cover all charges for comfortably furnished rooms in Archdale Hall, Y. M. C. A., or on the third floor of Found-

ers Hall, two students in a room, single spring beds, one 16 c. p. electric light, fuel, board, laundry, bath, use of nursery in case of sickness, and tuition in all regular courses. In case of protracted sickness a charge will be made for medical treatment.

### *Tuition per Term*

In College Department, first payment .....	\$17.50
In College Department, second payment .....	15.00
In Preparatory Department, first payment ...	15.00
In Preparatory Department, second payment .	12.50

### *Extra Charges per Term*

Room rent on second floor Founders, extra for each student .....	\$5.00
Room rent in Cox Hall, extra for each student	8.00
Chemistry A or VI .....	3.00
Chemistry I or IV .....	5.50
Other Courses in Chemistry .....	7.50
Biology .....	2.50
Astronomy .....	1.00
Surveying .....	1.00
Physiology .....	.50
Physics A .....	3.00
Other Courses in Physics .....	5.00
Bookkeeping or Banking .....	10.00
Domestic Science—Sewing .....	5.00
Domestic Science—Cooking .....	5.00
Public Speaking .....	3.00



Persons rooming alone are charged extra.

All extra charges and fees are due in the first payment of each term.

Meals to the sick in rooms, except in nursery, will be charged extra.

A graduation fee of \$5.00 is charged at the close of the college course.

Students who have their laundry done at home and who are absent from the College each week from Friday evening to Monday morning are allowed \$10.00 reduction each term.

No reduction will be made for absence for the first two weeks at the beginning or for the last two weeks at the close of a term.

### *Charges for Music*

Course I, Music Appreciation. In class, per term .....\$ 2.50

Course II, Foundation Principles. Two lessons a week, per term ..... 20.00

Course III, (A) Piano Playing, two lessons a week, per term ..... 20.00

(B) Singing, two lessons a week, per term 20.00

Piano Playing or Singing, one lesson a week .. 12.50

(C) College Chorus (charge for sheet music only).

Use of piano for practice, one period daily, per term .....	2.50
Each additional period, per term .....	2.00
Certificate for graduation in music .....	2.00

### *Club Rates for Board*

To meet the demands for cheaper living, arrangement has been made by which young men can furnish their own provisions and board at cost. A dining hall has been prepared for this purpose. The rooms in cottages are furnished with stoves, bedsteads, mattresses, chairs, tables, and electric lights. The charge of \$15.00 per term for each student covers room rent and wages of a cook, wood sawed right length for stove, electric lights and use of bath. The club must meet expense of splitting wood and bringing in wood and water for cook room, and each boy must keep his room swept. Provisions may be brought from home and their market value received in credit.

Under this plan of boarding, expense for board need not exceed cost for each student. Students who avail themselves of this system live well, and have the same advantages and are under the same regulations as those who board in the College.

If young men wish to board in the club and room in Archdale Hall or in the Y. M. C. A. Hall, the charge for room rent, laundry and cooking will be \$24.50 per term for each student.

Girls may enter New Garden Hall on the following terms: Each girl agrees to perform cheerfully and satisfactorily her allotted part of the household duties, to pay to the Treasurer of the College \$12.00 per term room rent and to the Matron of New Garden Hall cost monthly, in advance, for board. Board may be paid in provisions at market prices or in money.

### *Payment of Bills*

**Payment of all bills for each term must be made in advance.**

Students, when they enter at mid-term, will be charged from the time of entering until the close of the term, except by special arrangement. In case a student is absent from College on account of protracted sickness of ten days or more a pro rata part of the money paid will be refunded on presentation of a physician's certificate that he is not able to return. If a student should leave the institution for any other cause or be expelled or suspended, he will forfeit the money advanced.

All communications relating to financial matters should be addressed to the Treasurer, George W. White.

## MISCELLANEOUS

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Within twenty-four hours after arrival at the College all students are required to procure a registration card and meet the Treasurer and make satisfactory arrangement for the settlement of bills.

At the beginning of the term, students are expected to observe all the regulations of the College from the time of their arrival. Before taking meals in the dining-room they must enroll their names upon the register in the Treasurer's office. A strict observance of this regulation is expected.

Students who prefer to do so may board and lodge outside the College buildings, at such places as are satisfactory to the faculty, and under such regulations and restrictions as may be prescribed.

Students engaging rooms at the beginning of any term are not at liberty to withdraw to any other boarding place during that term.

The fact that students board outside the College gives them no exemption from attendance upon study hours, morning collection, meetings for worship, Scripture classes, or lectures.

If any student wishes to have an open account for books, it is requested that a deposit of five dollars be made to his or her credit in the book and stationery



department. A full statement of purchase can be secured at any time and balance due remitted to Mary E. W. White, who has charge of this department. The bookstore is open Monday, Wednesday and Friday of each week, 8:00 to 10:00 a. m., and 1:00 to 2:00 p. m.

Boarders furnish pillow, white linen and all covering for their beds, also their own soap, towels, and table napkins.

Great care in all the household arrangements is taken by the Matron for the accommodation and comfort of the students.

Each boarding student is allowed three meals each term free for his visiting friends.

Every student entering the College thereby pledges himself to obey faithfully its laws and regulations.

Special care should be taken to comply with the requirement that all articles of apparel be plainly marked with the name of the owner in full in indelible ink.

No student can have more than a reasonable amount of washing done without extra charge.

Students upon arrival are expected to report at the President's office. For classification they will consult the Dean.

Rooms in the dormitories are under the careful daily inspection and supervision of the Matron of the College.

Each occupant is held responsible for the condition

of his room, and is required to keep it in decent order.

Occupants are held responsible for disorders occurring in their rooms, and any misappropriation, damage, or defacement of furniture or buildings, beyond necessary wear and tear, will be charged to the Athletic Association Contingent Fund, unless settled by the person doing the damage as required.

Students are met at Guilford College station, on railroad leading from Greensboro to Winston-Salem, at the opening of each term, and conveyed to the College. For conveyance to and from the station, a moderate charge will be made to students, teachers, or visitors.

In order to secure safe and prompt delivery, express packages or postoffice money orders for students should be sent in care of Guilford College.

Telegraph and express offices are established at Guilford College railroad station.

The College has telephone connection with Greensboro and other points on the long distance line.

All students sustain a great loss who are not present at the opening of the term.

Applications for leave of absence, or for removal from College, should be made by the parent or guardian directly to the President.

While the management of the College will cordially provide for and encourage every kind of physical training, intercollegiate contests when permitted will

be subject to such rules and regulations as the Advisory Board of Athletics may provide.

### *Discipline*

It is taken for granted that any student who enters the institution does so for the purpose of persistent work, and that he will render due respect to the regulations, all of which are designed to promote the general welfare of the College, and to give to each member thereof full opportunity to use the many advantages for study here offered.

Students are put upon their honor, and great pains taken to maintain with all a friendly and helpful relation. The cooperation of all is sought.

If a student shows little or no inclination to study, or fails to cooperate with the faculty in maintaining good order, or engages in practices which are harmful in their influence over others, or to the reputation of the College, his parents or guardian will be informed of the facts and unless amendment be promptly made, he will be dismissed, or his parents requested to withdraw him.

The reading of pernicious literature, the use of intoxicating drinks, habitual indulgence in profane language, carrying pistols or other dangerous weapons, would be considered grave offenses, and treated accordingly. Gunning is not allowed.

The effect of tobacco on the minds and bodies of the young is so injurious that the College takes

all proper means to discourage its use, and will not allow it on the grounds or around the buildings. If any students persist in using it elsewhere, their standing will thereby be lowered and so entered on their records.



## STUDENTS

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### GRADUATE

White, Flora Wilson ..... Guilford College, N. C.

### SENIORS

Brown, Joseph Robert ..... Woodland, N. C.  
Culler, Maude Lee ..... Rock Creek, N. C.  
Dix, Burtie Ellen ..... Westfield, N. C.  
Dixon, Blanche ..... Elkin, N. C.  
Doan, Mary ..... Amo, Ind.  
Dorsett, Kathryn Ella ..... Farmer, N. C.  
Edgerton, Mabel Arlene ..... Goldsboro, N. C.  
Highfill, Gladys May ..... Liberty, N. C.  
Knight, Louetta Ellen ..... Guilford College, N. C.  
Lassiter, Alma J. .... Mechanic, N. C.  
Patterson, Cleta ..... Burlington, N. C.  
Stewart, Carl Watson ..... Trenton, Tenn.  
Wood, Joseph Densmore ..... Tamworth, N. H.

### JUNIORS

Ballinger, Julia Adaline ..... Greensboro, N. C.  
Blaylock, Frederick Royster ..... Guilford, N. C.  
Budd, Harrell ..... Siler City, N. C.  
Coble, Josephine Vestal ..... Liberty, N. C.  
Coggins, Willis Lester ..... Guilford College, N. C.  
Davis, Laura Etta ..... Progress, N. C.  
Guthrie, Bessie Ava ..... Snow Camp, N. C.  
Hinshaw, Clifford Reginald ..... Randleman, N. C.  
Hubbard, Hope ..... Farmer, N. C.  
Lambeth, Charles Tilley ..... Guilford College, N. C.  
Lassiter, Floy Catharine ..... Fallston, N. C.

## JUNIORS—Continued

Mitchell, Colonel Robert .....	Guilford College, N. C.
Morris, Fred Helsabeck .....	Kernersville, N. C.
Perry, Thomas Gray .....	Wilkesboro, N. C.
Riddick, Archibald Lockhart .....	High Point, N. C.
Semans, Thomas Beckenridge .....	Uniontown, Pa.
Short, Troy Rodolphus .....	Greensboro, N. C.
Smith, Kate Brittain .....	Summerfield, N. C.
Worth, Phoebe Gertrude .....	Guilford College, N. C.
Yates, Caroline Ballinger .....	Guilford, N. C.
Yates, James Fuller .....	Guilford, N. C.

## SOPHOMORES

Armstrong, Hazel Graham .....	Hobgood, N. C.
Beeson, John Henry .....	Randleman, N. C.
Brinkley, Walter Foil .....	Lexington, N. C.
Briggs, Isla Evelyn .....	High Point, N. C.
Carroll, Edwin Blaine .....	Mizpah, N. C.
Clegg, Agnes Marie .....	Guilford College, N. C.
Coble, Lovella Ruth .....	Guilford College, N. C.
Deans, Orabella .....	Pikeville, N. C.
Dupree, Thomas Byrd .....	High Point, N. C.
English, Mary Stevens .....	Monroe, N. C.
Garner, Jesse Philip .....	Hill's Store, N. C.
Gray, Lillene Oma .....	High Point, N. C.
Hobbs, Gertrude Mendenhall .....	Guilford College, N. C.
Hodgin, Ira DeVane .....	Greensboro, N. C.
Jones, John Benbow .....	Winston-Salem, N. C.
Lassiter, Maude Elizabeth .....	Mechanic, N. C.
Lewis, Callie Agnes .....	Winston-Salem, N. C.
McGehee, Sallie Rachel .....	Jamestown, N. C.
Mason, Milton Percy .....	New York, N. Y.
Mendenhall, Fowell Hill .....	High Point, N. C.
Moore, Ezra Alexander .....	Dudley, N. C.
Newlin, Rhesa Lancaster .....	Saxapahaw, N. C.
Parks, William Haywood .....	Franklinville, N. C.
Phillips, Clifford Hamilton .....	Lexington, N. C.
Price, Thomas Ashby, Jr. ....	Miami, Fla.

## SOPHOMORES—Continued

Redding, Charles Clifton .....	High Point, N. C.
Shamburger, Mary Ina .....	Star, N. C.
Speas, Ethel Maie .....	Winston-Salem, N. C.
Stanley, Jesse Betts .....	Guilford College, N. C.
Stanley, Leah Ellen .....	Guilford College, N. C.
Stanley, Ruth Rebecca .....	Guilford College, N. C.
Strayhorn, Lionel .....	Thomasville, N. C.
Stewart, Robert Marshall .....	Trenton, Tenn.
Taylor, Grace Pemberton .....	Danbury, N. C.
Thayer, Robert Wingate .....	Trinity, N. C.
Tuthill, Marguerite Theresa .....	Eastport, L. I., N. Y.
Watkins, Catherine Elmira .....	Wadeville, N. C.

## FRESHMEN

Andrews, Mary Margaret .....	Archdale, N. C.
Berry, Marietta .....	Asheboro, N. C.
Bird, Georgianna Marie .....	Thomasville, N. C.
Breece, Ida Elizabeth .....	Fayetteville, N. C.
Brown, Deborah Mary .....	Woodland, N. C.
Brown, Ruth Hare .....	Woodland, N. C.
Bulla, John Arthur .....	Sophia, N. C.
Cloud, Cecil Franklin .....	Sedley, Va.
Coltrane, David Stanton .....	Jamestown, N. C.
Copeland, Mary Ella .....	Woodland, N. C.
Cox, Myrtle Roella .....	Climax, N. C.
Crouch, Jeneva Beatrice .....	High Point, N. C.
Fitzgerald, Paul Vincent .....	Pelham, N. C.
Fox, Bertha Browning .....	Guilford College, N. C.
Freeman, Wilhelmina .....	Trinity, N. C.
Grissom, Lawrence .....	Greensboro, N. C.
Hinkle, Paul .....	Lexington, N. C.
Hinshaw, Ira .....	Randleman, N. C.
Holton, Harriet Holland .....	Guilford College, N. C.
Jackson, David Houghton .....	Guilford, N. C.
Jordan, Robert Thomas .....	Trinity, N. C.
Kiser, Roger Clinton .....	King, N. C.
Lewallen, Beatrice Guelda .....	Asheboro, N. C.

## FRESHMEN—Continued

Macon, Anna Maleta .....	Climax, N. C.
Miller, Wayne .....	Asheboro, N. C.
Mitchell, James Warren .....	Guilford College, N. C.
Morris, Addie Irene .....	Kernersville, N. C.
Moton, Totten Zella .....	Fallston, N. C.
Outland, Pauline .....	Woodland, N. C.
Payne, Nannie Eugenia .....	Westfield, N. C.
Pike, Bernice Elizabeth .....	Liberty, N. C.
Presnell, Ollie Lee .....	Asheboro, N. C.
Raiford, Ellen Tabitha .....	Ivor, Va.
Reddick, Joseph Gray .....	Trinity, N. C.
Royal, Mary Belle .....	Salemburg, N. C.
Russell, Earle Victor .....	Guilford College, N. C.
Sapp, Oscar LeMay, Jr. ....	Greensboro, N. C.
Saunders, Ruth .....	Monbo, N. C.
Smith, Anderson Jones .....	Black Creek, N. C.
Smith, Raymond Alexander .....	Cooleemee, N. C.
Smith, Samuel Clement .....	Guilford College, N. C.
Wheeler, Mary Louise .....	Guilford College, N. C.
White, Ellen Mildred .....	High Point, N. C.
Whitman, Ethel .....	Lewisville, N. C.

## IRREGULARS

Blackburn, Mildred Hill .....	Guilford College, N. C.
Cox, Luna Ellen .....	High Point, N. C.
Fuller, Maude Bernice .....	Thomasville, N. C.
Futrell, William Reed .....	Greensboro, N. C.
Geslain, Martha Marguerite .....	Tientsin, China
Grant, Mary Lyons .....	Guilford, N. C.
Lincoln, Ethel Cody .....	Greensboro, N. C.
McCall, James W. ....	Marion, N. C.
Nicholson, Sibyl Darden .....	Greensboro, N. C.
Pleasants, Ruby Ethel .....	Guilford, N. C.
Taylor, Paul Talbot .....	Danbury, N. C.
Ward, Cletus Milo .....	Guilford College, N. C.
Welch, John Cornelius, Jr. ....	High Point, N. C.



## PREPARATORY

Allen, Bernard Carl .....	King, N. C.
Alspaugh, James .....	Winston-Salem, N. C.
Armstrong, Edward Lander .....	High Point, N. C.
Armstrong, John Robert .....	Greensboro, N. C.
Ashworth, Cora .....	Asheboro, N. C.
Barker, David Luther .....	High Point, N. C.
Beeson, Edna Jane .....	Randleman, N. C.
Blair, Clara .....	High Point, N. C.
Bondurant, Roy Seul .....	Guilford College, N. C.
Brooks, Robert Harris .....	Greensboro, N. C.
Brown, Grady .....	Trinity, N. C.
Bulla, Daniel Robert .....	Sophia, N. C.
Bulla, Mary Allen .....	Randleman, N. C.
Bulla, Robert Chapman .....	Randleman, N. C.
Burrus, Grady .....	Mooresboro, N. C.
Burton, Thelma .....	Oak Ridge, N. C.
Byerly, Frances May .....	Advance, N. C.
Byrd, Robert Bryant .....	Summerfield, N. C.
Cameron, Daniel David Shields .....	Southern Pines, N. C.
Capps, Hunter McGuire .....	Meherrin, Va.
Cartland, Herbert Hardy .....	Greensboro, N. C.
Clark, Bessie .....	Snow Camp, N. C.
Clegg, Elsie May .....	Guilford College, N. C.
Clodfelter, Vira Viola .....	Thomasville, N. C.
Cobb, Lloyd .....	Reidsville, N. C.
Coble, Walter .....	Guilford College, N. C.
Coltrane, Ruth .....	Sophia, N. C.
Cox, Jessie Lee .....	Pisgah, N. C.
Cox, Mary Julia .....	Dudley, N. C.
Crutchfield, Hattie Eugenia .....	Guilford, N. C.
Davis, Ralph Lee .....	Greensboro, N. C.
Davis, Sarah May .....	Edgar, N. C.
Deal, Robert Bonniwell .....	Randleman, N. C.
Doughton, Joseph Edward .....	Guilford College, N. C.
Edwards, Lola May .....	Goldsboro, N. C.
English, Dewey .....	Monroe, N. C.
Farlow, Cecil .....	Randleman, N. C.

## PREPARATORY—Continued

Farlow, Lewis Lee .....	Randleman, N. C.
Farlow, Percy Mark .....	Randleman, N. C.
Frazier, Gracett .....	Guilford College, N. C.
Fox, James Tyson .....	Guilford College, N. C.
Geiser, Mott .....	Independence, Iowa
Gonzales, Alberto .....	Cardenas, Cuba
Gorrell, Robert Percy .....	Greensboro, N. C.
Groome, Dewey Edison .....	Greensboro, N. C.
Groome, Robert Gladstone .....	Greensboro, N. C.
Groome, Zack Milton .....	Greensboro, N. C.
Hicks, Edison Thurston .....	Henderson, N. C.
Highfill, Nannie Fern .....	Guilford College, N. C.
Hobbs, Lola Clementine .....	Atlanta, Ga.
Hodgin, Roy Tate .....	Greensboro, N. C.
Holder, Pearle .....	Lewisville, N. C.
Holton, Elizabeth Pool .....	Guilford College, N. C.
Holton, Frank Petty .....	Guilford College, N. C.
Holton, John Watson .....	Guilford College, N. C.
Jackson, Joel Bradley .....	Guilford, N. C.
Jones, Allen Jay .....	Trinity, N. C.
Jones, Asbury Crouse .....	Winston-Salem, N. C.
Jones, Malory Odell .....	Walnut Cove, N. C.
Joyce, James Carl .....	Walnut Cove, N. C.
Julian, William Alexander .....	Wentworth, N. C.
Kendall, Nathan Hale .....	Guilford, N. C.
Lambeth, Hazel Michaux .....	Guilford College, N. C.
Lindley, Genevieve .....	Snow Camp, N. C.
Lindley, Mary Alta .....	Snow Camp, N. C.
Lloyd, William Graham .....	Saxapahaw, N. C.
Logan, James Carl .....	Yadkinville, N. C.
Lowe, George William .....	High Point, N. C.
McGee, Curtis .....	Germanton, N. C.
McNairy, James Luther .....	Greensboro, N. C.
McNeill, John Malcolm .....	Cameron, N. C.
Marshall, Annie Rooney .....	Westfield, N. C.
Masten, Guy Milton .....	Winston-Salem, N. C.
Miller, Walter .....	Independence, Iowa

## PREPARATORY—Continued

Moore, Aehsah Augusta .....	Saxapahaw, N. C.
Moore, Elmer .....	Benaja, N. C.
Moore, Hugh Watson .....	Dudley, N. C.
Motsinger, Eulalia .....	Winston-Salem, N. C.
Murchison, Thomas .....	Liberty, N. C.
Murrow, Joshua Edgar .....	Greensboro, N. C.
Nixon, Henry Early .....	Edenton, N. C.
Pena, Jose .....	Banes, Cuba
Pickett, Herman Newton .....	Greensboro, N. C.
Prince, Annie May .....	Greensboro, N. C.
Prince, David .....	Greensboro, N. C.
Raper, William Cletus .....	Welcome, N. C.
Richey, Claude Gilmer .....	Abbeville, S. C.
Richardson, Emmett Westley .....	Glenwood, N. C.
Royall, George Edwin .....	Elkin, N. C.
Rudd, Ruth .....	Brown Summit, N. C.
Sera, Ignatius Sanchez .....	Holguin, Cuba
Sera, Jose .....	Holguin, Cuba
Short, Walter Alonzo .....	Greensboro, N. C.
Smith, Dalton .....	Trinity, N. C.
Smith, Herman Dennis .....	Asheboro, N. C.
Smithdeal, Glenn Alexander .....	Advance, N. C.
Smitherman, Paul Conrad .....	Winston-Salem, N. C.
Stout, Hobart McKinley .....	Siler City, N. C.
Stuart, Laurence .....	Guilford College, N. C.
Sutton, Chester McKinley .....	Summerfield, N. C.
Teague, Kirk Dixon .....	Liberty, N. C.
Tremain, Lindley Ernest .....	Brown Summit, N. C.
Tremain, Raleigh Lewis .....	Brown Summit, N. C.
Vestal, Jarvis .....	Yadkinville, N. C.
Wall, Esther .....	Williamson, W. Va.
Walters, LaVerna .....	Siler City, N. C.
Ward, Claude Marvin .....	Pomona, N. C.
Wharton, James Ashby .....	Greensboro, N. C.
White, John Gurney .....	Guilford College, N. C.
White, Joseph Dixon .....	Guilford College, N. C.
White, Katherine .....	Greensboro, N. C.

## PREPARATORY—Continued

White, Maude Lee .....	High Point, N. C.
Wyatt, James Monroe .....	Guilford College, N. C.
Yow, Ralph Johnson .....	Greensboro, N. C.
Zachary, Jonathan Thompson .....	Snow Camp, N. C.

## MUSIC

Armstrong, Hazel Graham .....	Hobgood, N. C.
Berry, Marietta .....	Asheboro, N. C.
Blair, Clara .....	High Point, N. C.
Bulla, Mary Allen .....	Randleman, N. C.
Briggs, Isla Evelyn .....	High Point, N. C.
Brown, Ruth Hare .....	Woodland, N. C.
Carter, Lola Blanche .....	Cooleemee, N. C.
Coble, Josephine Vestal .....	Liberty, N. C.
Coltrane, Ruth .....	Sophia, N. C.
Cox, Jessie Lee .....	Pisgah, N. C.
Cox, Luna Ellen .....	High Point, N. C.
Cox, Myrtle Roella .....	Climax, N. C.
Crouch, Jeneva Beatrice .....	High Point, N. C.
Crutchfield, Hattie Eugenia .....	Guilford, N. C.
Edgerton, Mabel Arlene .....	Goldsboro, N. C.
Edwards, Lola May .....	Goldsboro, N. C.
Frazier, Gracett .....	Guilford College, N. C.
Freeman, Wilhelmina .....	Trinity, N. C.
Fox, Bertha Browning .....	Guilford College, N. C.
Fuller, Maude Bernice .....	Thomasville, N. C.
Geslain, Martha Marguerite .....	Tientsin, China
Grant, Mary Lyons .....	Guilford, N. C.
Guthrie, Bessie Ava .....	Snow Camp, N. C.
Hobbs, Gertrude Mendenhall .....	Guilford College, N. C.
Holton, Elizabeth Pool .....	Guilford College, N. C.
Holton, Harriet Holland .....	Guilford College, N. C.
Marshall, Annie Rooney .....	Westfield, N. C.
Moore, Arthur Kirby .....	Guilford, N. C.
Motsinger, Eulalia .....	Winston-Salem, N. C.
Patterson, Cleta .....	Burlington, N. C.
Pike, Bernice Elizabeth .....	Liberty, N. C.



**MUSIC—Continued**

Prince, Annie May .....	Greensboro, N. C.
Rudd, Ruth .....	Brown Summit, N. C.
Speas, Ethel Maie .....	Winston-Salem, N. C.
Taylor, Grace Pemberton .....	Danbury, N. C.
Tuthill, Marguerite Theresa .....	Eastport, L. I., N. Y.
Walters, LaVerna .....	Siler City, N. C.
White, Maude Lee .....	High Point, N. C.
Yates, Caroline Ballinger .....	Guilford, N. C.

# SCHEDULE OF RECITATIONS FOR THE YEAR 1915-1916

	8:20	9:30	10:25	11:20	1:30	2:20	3:10	
Monday	English IIIa Physics I Math. III Cicero Caesar  (Eng. IIIb) (Virgil)	Greek I Math. IV German A Psychology Pri. Latin  (Logic)	Col. Algebra Chemistry VI Greek II Biology I Anc. History  (Sol. Geom.)	Latin VII German I French I History II Geometry English B  (Latin VIII)	English Ia Math. II Chem. III Latin VI Greek III Biology III  (English Ib)	Bib. Lit. Livy Physics II Latin IV French A English C  (Tacitus) (Latin V)	English IVa German II Physics A Geology Algebra B  (Eng. IVb) (Chem. A) (Astronomy)	Monday
Tuesday	English IIIa Physics I Math. III Biology II French II Cicero Caesar  (Eng. IIIb) (Virgil)	Greek I Math. IV Pub. Speaking Pri. Latin Biol. Lab. Chem. Lab. Phy. Lab.	Col. Algebra Economics I Greek II Anc. History Biol. Lab. Chem. Lab. Phy. Lab.  (Pl. Trig.) (Econom. II)	English II German I  History IVa Geometry English B  (History IVb)	English Ia Math. II Sociology Latin VI Greek III Biology III Surveying  (English Ib) (Ethics)	Bib. Lit. Livy Physics II Latin IV French A Bookkeeping English C  (Tacitus) (Latin V)	Physics A Geology Algebra B    (Chem. A.) (Astronomy)	Tuesday
Wednesday	History IVa Biology II Math. III French II Cicero Caesar  (History IVb) (Virgil)	Greek I Mechan. German A Psychology Pri. Latin Chem. I	Col. Algebra Chemistry VI Economics I Biology I	Latin VII German I French I History II Pl. Geometry English B  (Latin VIII)	Sociology Latin VI Greek III Biology III Surveying  (Ethics)	English C   Biol. Lab. Chem. Lab. Phy. Lab.	English IVa German II Geology Algebra B Biol. Lab. Chem. Lab. Phy. Lab.  (English IVb)	Wednesday

	8:20	9:30	10:25	11:20	1:30	2:20	3:10	
Thursday	English IIIa Physics I Biology II French II Cicero Caesar	Greek I Math. IV German A Chemistry I Pub. Speaking Pri. Latin	Col. Algebra Econom. I Greek II Biology I Anc. History	English II French I History IVa Pl. Geometry English B	English Ia Math. II Chem. II Latin VI Biology III Surveying	Bib. Lit. Livy Physics II Latin IV French A Bookkeeping English C	Physics A Geology Algebra B	Thursday
	(Eng. IIIb) (Virgil)	(Logic)	(Pl. Trig.) (Econom. II)	(Hist. IVb)	(English Ib)	(Tacitus) (Latin V)	(Chem. A) (Astronomy)	
Friday	History IVa Physics I Math. III Biology II Cicero Caesar	Mechan. German A Psychology Pub. Speaking Pri. Latin	Col. Algebra Chemistry VI Greek II Economics I Anc. History	Latin VII German I French I History II Pl. Geometry English B	English Ia Math. II Greek III Sociology	Bib. Lit. Livy Physics II Latin IV French A Bookkeeping English C	English IVa German II Physics A Algebra B	Friday
	(History IVb) (Virgil)	(Methods)	(Sol. Geom.) (Econom. II)	(Latin VIII)	(English Ib) (Ethics)	(Tacitus) (Latin V)	(Chem. A.) (English IVb) (Astronomy)	
Saturday		Surveying	Surveying					Saturday

Note that subjects in parentheses belong to the Spring Term and follow from the Fall Term. For example, English IIIb follows English IIIa, the latter being given in the Fall Term and the former in the Spring Term.

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Vol. IX

APRIL, 1916

No. 1

# Guilford College Bulletin

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UNIVERSITY OF ILLINOIS

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# GUILFORD COLLEGE BULLETIN

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CATALOGUE NUMBER  
1915-1916

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JUL 11 1936  
UNIVERSITY OF ILLINOIS

PUBLISHED QUARTERLY BY GUILFORD COLLEGE  
GUILFORD COLLEGE, N. C.

QUEEN CITY PRINTING COMPANY  
CHARLOTTE, N. C.

# CALENDAR FOR 1916

JANUARY.							FEBRUARY.							MARCH.							APRIL.						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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9	10	11	12	13	14	15	12	13	14	15	16	17	18	12	13	14	15	16	17	18	9	10	11	12	13	14	15
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21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26
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# CALENDAR FOR 1917

JANUARY.							FEBRUARY.							MARCH.							APRIL.						
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SEPTEMBER.							OCTOBER.							NOVEMBER.							DECEMBER.						
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16	17	18	19	20	21	22	21	22	23	24	25	26	27	18	19	20	21	22	23	24	16	17	18	19	20	21	22
23	24	25	26	27	28	29	28	29	30	31	.....	.....	.....	25	26	27	28	29	30	.....	23	24	25	26	27	28	29
30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	30	31	.....	.....	.....	.....	.....

# **College Calendar, 1915-16**

## **Seventy-Ninth Academic Year**

### **First Term, 1915—Eighteen Weeks**

September 7—Tuesday, Registration and Classification.

September 8—Wednesday, 9 a. m.,

Formal Opening of the Year.

September 9—Thursday, 8:20 a. m., Recitations Begin.

November 6—Saturday, Mid-term Examinations.

November 25-26—Thursday and Friday,

Thanksgiving Holidays.

December 22 to January 4—Fourteen days,

Christmas Vacation.

January 17 to 22—Monday to Saturday,

Mid-year Examinations.

### **Second Term, 1916—Eighteen Weeks**

January 24—Monday, Second Term Opens.

March 25—Saturday, Mid-term Examinations.

April 24—Monday, Easter Holiday.

April 29—Saturday, 8 p. m., Henry Clay Oratorical Contest.

May 6—Saturday, 8 p. m., Zatasian Oratorical Contest.

May 13—Saturday, 8 p. m., Websterian Oratorical Contest.

May 20—Saturday, 8 p. m., Philomathean Oratorical Contest.

May 27—Saturday, 8 p. m., Music Recital.

May 28—Sunday, 11 a. m., Baccalaureate Services.

May 28—Sunday, 8 p. m.,

Address before the Christian Associations.

May 29—Monday, 10 a. m., Class Day Exercises.

May 29—Monday, 7:30 p. m., Business Meeting of Alumni.

May 30—Tuesday, Commencement.

Summer Vacation Fourteen Weeks.

## **College Calendar, 1916-17**

### **Eightieth Academic Year**

#### **First Term, 1916—Eighteen Weeks**

September 5—Tuesday, Registration and Classification.  
September 6—Wednesday, 9 a. m.,  
    Formal Opening of the Year.  
September 7—Thursday, 8:20 a. m., Recitations Begin.  
November 4—Saturday, Mid-term Examinations.  
November 30 and December 1—Thursday and Friday,  
    Thanksgiving Holidays.  
December 20—Wednesday, 4 p. m.,  
    Christmas Vacation Begins.  
January 3—Wednesday, 8:20 a. m., Recitations Resumed.  
January 15 to 20—Monday to Saturday,  
    Mid-year Examinations.

#### **Second Term, 1917—Eighteen Weeks**

January 22—Monday, Second Term Opens.  
March 24—Saturday, Mid-term Examinations.  
April 9—Monday, Easter Holiday.  
April 28—Saturday, 8 p. m., Philomathean Oratorical Contest.  
May 5—Saturday, 8 p. m., Henry Clay Oratorical Contest.  
May 12—Saturday, 8 p. m., Zatasian Oratorical Contest.  
May 19—Saturday, 8 p. m., Websterian Oratorical Contest.  
May 26—Saturday, 8 p. m., Music Recital.  
May 27—Sunday, 11 a. m., Baccalaureate Service.  
May 27—Sunday, 8 p. m.,  
    Address before the Christian Associations.  
May 29—Tuesday, Commencement.  
    Summer Vacation Fourteen Weeks.

## **College Calendar, 1917-18**

### **Eighty-First Academic Year**

#### **First Term, 1917—Eighteen Weeks**

September 4—Tuesday, Registration and Classification.  
September 5—Wednesday, 9 a. m.,  
    Formal Opening of the Year.  
September 6—Thursday, 8:20 a. m., Recitations Begin.



## Board of Trustees

---

	<i>Term Expires</i>
N. C. English.....	Trinity, N. C.....1916
Wm. T. Parker.....	High Point N. C.....1916
Wm. H. Worth.....	Greensboro, N. C.....1917
Henry A. White.....	High Point, N. C.....1917
J. Elwood Cox.....	High Point, N. C.....1918
Jeremiah S. Cox.....	Greensboro, N. C.....1918
C. P. Frazier.....	Greensboro, N. C.....1919
E. C. Mendenhall.....	High Point, N. C.....1919
John B. Griffin.....	Woodland, N. C.....1920
David White.....	Greensboro, N. C.....1920
J. Van Lindley.....	Pomona, N. C.....1921
Chas. F. Tomlinson.....	High Point, N. C.....1921

J. Elwood Cox, *Chairman*  
David White, *Secretary*

---

## Advisory Committee

---

Bertha Cox.....	High Point, N. C.
Roxie D. White.....	Guilford College, N. C.
Mary M. Petty.....	Greensboro, N. C.
Mary D. Cox.....	High Point, N. C.
Mary E. M. Davis.....	Guilford College, N. C.
Priscilla B. Hackney.....	Greensboro, N. C.
Sandia C. Lindley.....	Pomona, N. C.
Gertrude W. Mendenhall.....	Greensboro, N. C.

### Standing Committees of the Trustees

---

*Officers*—N. C. English, C. F. Tomlinson, C. P. Frazier.

*Literary Department*—C. F. Tomlinson, David White, H. A. White.

*Boarding Department*—C. P. Frazier, Wm. H. Worth, E. C. Mendenhall, J. Van Lindley.

*Farm*—W. T. Parker, N. C. English, E. C. Mendenhall, J. Van Lindley.

*Auditing and Finance*—J. S. Cox, H. A. White, John B. Griffin.

*Campus and Forestry*—J. Van Lindley, David White, Wm. H. Worth, E. C. Mendenhall.

*Lights, Water and Heat*—H. A. White, J. S. Cox, W. T. Parker.

*Endowment Fund*—N. C. English, Chairman; J. Elwood Cox, Treasurer; J. S. Cox, C. P. Frazier, H. A. White.

*Committee to Confer with Committee from Yearly Meeting*—J. S. Cox, N. C. English, C. P. Frazier.

## FACULTY

---

THOMAS NEWLIN, A.M., PH.M., D.D., LL.D.

Graduate Haverford College, 1885; A. M., Haverford College, 1892; President Pacific College, Oregon, 1891-1900; Vice-President Wilmington College, Ohio, 1900-1902; Dean Guilford College, 1902-1907; Ph. M., University of Chicago, 1905; President Whittier College, California, 1907-1915; D. D., University of Southern California, 1915; LL. D., Whittier College, 1915; President Guilford College, since 1915.

LEWIS LYNDON HOBBS, A.M., LL.D.

PSYCHOLOGY AND LOGIC

A. B., Haverford College, 1876; A. M., Haverford College, 1883; LL. D., University of North Carolina and Haverford College, 1908; Principal New Garden Boarding School, 1878-1884; President Guilford College, 1888-1915; President Emeritus, since 1915.

JAMES FRANKLIN DAVIS, A.M.

GREEK AND BIBLICAL LITERATURE

A. B., Haverford College, 1875; A. M., Haverford College, 1879; Graduate Student Johns Hopkins University in German and Greek, 1877; Student in Germanic Philology, Universities Leipzig and Strasburg, 1879-1880; Assistant Professor Haverford College, 1877-1879; Professor of Greek, Guilford College, since 1888.

H. LOUISA OSBORNE, A. B.

LATIN AND HISTORY

A. B., Earlham College, 1887; Student State Normal of Indiana, 1887-1888; Student Chautauqua, New York, Summers 1888-1895, 1902-1904-1909; Teacher Vermilion Academy, Ill., and Bloomingdale Academy, Ind., 1888-1892; Assistant in Latin, Guilford College, since 1892.

GEORGE WILSON WHITE, A.B.

MATHEMATICS

A. B., Haverford College, 1878; Principal Sunbury Academy, N. C., 1878-1880; Principal Belvidere Academy, 1880-1883; Principal New London High School, Ind., 1883-1884; Principal Central Academy, Ind., 1885-1892; Professor of Mathematics, Guilford College, 1893-1913; Assistant in Mathematics, since 1913.

## CLEMENT ORESTES MEREDITH, A.B., PH.D.

## LATIN

- A. B., Guilford College, 1900; A. B., Haverford College, 1901; Chautauqua, New York, Summer 1901; Principal Guilford Graded School, North Carolina, 1901-1902; Scholar in Latin, Greek and French, Johns Hopkins University, 1906-1908; Student of Classical Philology in University of Berlin, 1909-1910; American School at Rome, Spring, 1910; Ph. D., Johns Hopkins University, 1912; Professor of Latin, Guilford College, since 1902.

## JOHN STEELE DOWNING, A.M.

## CHEMISTRY

- B. S., Haverford College, 1911; Assistant in Chemistry, *ibid.*, 1911-1912; A. M., *ibid.*, 1912; Professor of Chemistry, Guilford College, since 1912.

## JOHN BROOKS WOOSLEY, A.M.

## HISTORY AND ECONOMICS

- A. B., Guilford College, 1912; A. B., Haverford College, 1913; Teaching Fellow in History, *ibid.*, 1913-1914; A.M., *ibid.*, 1914; Professor of History and Economics, Guilford College, since 1914.

## FLORENCE ERMINIE AYER, A.B.

## FRENCH AND GERMAN

- A. B., Wellesley College, 1914; French and German, Guilford College, since 1914.

## SAMUEL WOOD GEISER, A.B., B.Sc.

## BIOLOGY AND GEOLOGY

- A. B. and B. Sc., Upper Iowa University, 1914; Assistant in Biology, *ibid.*, 1911-1912; Principal Consolidated School of Brandon, Iowa, 1912-1913; Assistant in Zoology, Upper Iowa University, and Instructor in Biology, Normal School, Upper Iowa, 1913-1914; Professor of Biology and Geology, Guilford College, since 1914.

## HOWARD HAINES BRINTON, A.M.

## MATHEMATICS

- A. B., Haverford College, 1904; A. M., Haverford College, 1905; Teacher Friends School, Philadelphia, 1905-1906; Barnesville Boarding School, 1906-1908; A. M., Harvard University, 1909; Mathematical Master Pickering College, Canada, 1909-1915; Graduate Student Columbia University, Summers 1913-1914; Professor Mathematics, Guilford College, since 1915.



## MARK BALDERSTON, A.B.

## PHYSICS

- A. B., Haverford College, 1912; Student Harvard University, 1912-1913; Instructor Lafayette College, 1913-1915; Professor of Physics, Guilford College, since 1915.

## WILLIAM EDWARD MOORE, A.M.

## ENGLISH

- B. S., Cumberland College, 1907; Lake Chautauqua, (N. Y.) Summer 1910; University of North Carolina, Summer 1911; Columbia University, Summer 1913; A. M., University of South Carolina, 1915; Principal of Trenton (N. C.) State High School, 1910-1912; Superintendent of Heath Springs, S. C., Public Schools, 1912-1913; Principal of The McMaster School, Columbia, S. C., 1913-1915.

## JOSEPH H. PEELE, B.S.

## ASSISTANT IN ENGLISH

- B. S., Guilford College, 1891; Principal Guilford Graded School, N. C., 1909-1911; Student Summer School, Knoxville, Tenn., 1911; Emerson College of Oratory, Boston, Mass., 1911-1912; Assistant in English and Professor of Public Speaking, Guilford College, since 1912.

## ALMA TAYLOR EDWARDS, A.B.

## ASSISTANT IN LATIN AND MATHEMATICS

- A. B., Guilford College, 1907; Bryn Mawr College, 1907-1908; University of Virginia Summer School, 1911; Teacher of Latin and Mathematics, Chester High School, S. C., 1908-1910; Teacher of Latin and Mathematics, Pineland School for Girls, N. C., 1910-1914; Assistant in Latin and Mathematics, Guilford College, since 1914.

## JENNIE WILSON PAPWORTH, B.MUS.

- B. Mus., University of Illinois, 1909; Student of Music, Cleveland, Ohio, Boston, New York; Student in Paris, Summer of 1904; Director of Music, Guilford College, 1905-1908; Teacher, Organist and Choir Director, St. Paul's Episcopal Church, E. Cleveland, 1910-1914; Teacher South End Music School, Boston, 1914-1915; Piano, Guilford College, since 1915.

## PAULINE WHITE, A.B.

## VOCAL MUSIC

- A. B., Earlham College, 1912; Public School Music Certificate University of Illinois, 1915; Vocal Music, Guilford College, since 1915.

### Officers of Administration

THOMAS NEWLIN, A.M., PH.M., D.D., LL.D.

*President*

CLEMENT ORESTES MEREDITH, PH.D.

*Dean*

GEORGE W. WHITE, A.B.

*Treasurer*

JULIA S. WHITE, B.S.

*Librarian*

SARAH E. BENBOW

*Matron*

ALMA T. EDWARDS, A.B.

*Secretary of the Faculty*

MAUD L. GAINES

*Secretary to the President*

### Committees of the Faculty

*Bulletin*—L. L. Hobbs, C. O. Meredith, Geo. W. White, Miss Osborne.

*Library*—Miss Julia S. White, J. F. Davis, J. S. Downing, W. E. Moore.

*Athletics*—W. E. Moore, John B. Woosley, J. S. Downing.

*Discipline*—John B. Woosley, Miss Osborne, L. L. Hobbs, Miss Edwards, C. O. Meredith.

*Social*—Miss Osborne, Miss Benbow, John Woosley, Samuel W. Geiser.

*Physical Culture for Girls*—Miss Pauline White, Miss Ayer, Miss Edwards.

*Credentials*—C. O. Meredith, L. L. Hobbs, Miss Ayer, Mark Balderston.

*Lectures and Debates*—C. O. Meredith, Miss Osborne, W. E. Moore.

The President of the College is *ex-officio* a member of all committees.

# HISTORICAL SKETCH

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## **New Garden Boarding School**

The Society of Friends was among the earliest religious bodies to organize a church in North Carolina. Their church records embrace a period of two hundred and seventeen years. In 1696-1698, John Archdale, an English Friend, was Governor of the Colony of North Carolina and South Carolina. George Fox, the founder of the Society of Friends, spent a short time in North Carolina in 1672, and was received with great favor by the colonial officials.

The appeal which the Friends made to each individual in meetings for worship and in all church responsibility naturally called for an educated membership—a true democracy. Accordingly, we find among the Friends of our state early discussions of educational needs and a concern arose in the yearly meeting in 1833 for better schools. The eloquent Jeremiah Hubbard pleaded for this cause, and Nathan Hunt, of sacred memory, took the subject under his protecting care. His appeals in behalf of a central school aroused the interest of many Friends in other states, and notably of George Howland, of New Bedford, Mass. The decision was reached to found a boarding school of high grade to meet the needs of the young people. As a result the present Founders Hall was erected, a substantial, two-story brick building, offering accommodations to both boys and girls.

Thus was founded New Garden Boarding School, which was opened on the first day of August, 1837,

there being present the first term fifty students—twenty-five boys and twenty-five girls—and it has been operated from that day forward with no interruption, even during the Civil War.

### **Guilford College**

After fifty-two years of New Garden Boarding School there was a demand for expansion and extension of the course of study. This led to the organization of Guilford College, which was chartered by the state in 1888, with authority to confer academic degrees upon the completion of a college course.

### **Location**

The founders of the school were careful to select a central locality, well reputed for healthfulness of climate, removed from immoral influences or distractions of any kind. A farm six and one-half miles west of Greensboro was chosen in the midst of a progressive neighborhood. The college is one mile from the railroad station, on the line from Greensboro to Winston-Salem. Here the school and college were founded in the midst of a most beautiful campus of more than thirty acres, well set in native oaks, gums and poplar trees. For nearly eighty years the institution has flourished and developed.

### **Material Equipment**

#### **The Farm and Campus**

The farm consists of 300 acres which is carried on as a truck and dairy farm. It has in recent years been brought under a splendid system of cultivation with silo and dairy barn. The fresh vegetables and the



dairy products form an important part of the table supply. The farm and the dairy constitute an object lesson of great value to all students who are interested in agricultural pursuits.

Thirty acres of this three hundred are set aside for campus, and on this ten principal buildings are placed.

### **Founders Hall**

This is the oldest building in the group, and was erected in 1837, but has, in recent years, been entirely remodeled inside. The second and third floors are used as dormitory for girls; the first floor contains the matron's rooms, reception rooms, the young women's society halls, the Treasurer's office and the book store. The dining room and kitchen are also in this building.

### **Archdale Hall**

This hall was erected in 1886 and was named in memory of the Quaker Governor, John Archdale. It is used as a boys' dormitory and will comfortably accommodate forty-six young men, besides rooms for two teachers.

### **The Y. M. C. A. Hall**

This hall was built in 1891 to accommodate the Young Men's Christian Association. Besides the room for their meetings, the building also serves as a dormitory for young men.

### **Memorial Hall**

Benjamin N. and James B. Duke, who were educated at New Garden Boarding School, gave ten thousand dollars with which to erect a hall to accommodate the Science departments and also supply an auditorium.

This building was erected in 1897 and named Memorial Hall, in memory of their sister, Mary Elizabeth Lyon. The President's office is in this building.

### **New Garden Hall**

This building was erected in 1907 by the Girls' Aid Committee of North Carolina Yearly Meeting to meet the needs of the girls who desire an education, and who are willing to help themselves by doing their own work and thus lessening their expenses. The hall has every convenience of a modern home. It has rooms for forty-eight girls, besides a reception room and living rooms for the matron.

### **The Library**

This building was erected in 1909 with the aid of a donation by Andrew Carnegie. This building is modern in all its appointments, having a fire-proof stack room, with steel shelving, and a large vault in which are stored many valuable manuscripts of North Carolina Quaker annals. The reading room is large and well lighted and is an ideal place for study and research.

The Library was destroyed by fire in 1908, only about one thousand volumes being saved. The primary object in restocking the Library has been use, hence our facilities for reference and research work are especially worthy of comment. The Library is intended to be, and is well fitted to be, the workshop of the College, the center of the intellectual life of the College.

There are now over ten thousand volumes in the Library and these are free daily to students and persons connected with the College. The largest donation

has come during the past year, consisting of the entire library of Anna Yarnall, of Philadelphia. The reading room is well supplied with the state papers, and the best of the great magazines and periodicals representing general literature and the special departments.

### **King Hall**

The present King Hall is the third building so named, the two former having been destroyed by fire. The building as now constructed contains eight large class rooms, and the Physics Laboratory. This building is only the rear extension of the proposed King Hall.

### **Cox Hall**

This is a dormitory for young men, built in 1912 in three sections, furnishing ideal accommodations for fifty-four students. There is a bath room for each group of four rooms and hot and cold water in each room.

### **The Church**

This church was erected in 1912 as a Yearly Meeting House, but it also serves for the regular religious meetings of the College community.

### **The Gymnasium**

Among the most used buildings is the gymnasium for physical culture for both boys and girls. The floor space is 50 x 76 feet, with two galleries. This is a wooden building, all the others being brick.

These ten buildings, together with the electric light and heating plant, and also a number of residences and cottages on the campus constitute our building equipment.



### **The Laboratories**

The Chemical Laboratory occupies one large desk room and a recitation room. This laboratory is well equipped for chemical work, both in material and apparatus, and students have a good chance here to get a thorough foundation in this science. Situated in Memorial Hall.

The Biological Laboratory and lecture room adjacent are well lighted, with desks and lockers for twenty-one students working at the same time. There is also a private laboratory for the professor. The apparatus consists of microscopes and appliances, physiological apparatus, bacteriological apparatus and much material. This laboratory is in Memorial Hall.

The Physics laboratory is situated in King Hall and is well supplied with apparatus and material for full courses in Physics.

### **Endowment**

The encouragement to make still greater provision for the future which has been received from a wide circle of friends and philanthropists, has led to more earnest efforts to increase the efficiency of the College by adding to the permanent funds. From an early period the school has had assistance in a financial way; but in more recent years the donations to the endowment have been greatly augmented.

In 1905, an appeal was made to Andrew Carnegie and he responded by giving \$45,000 to be used as a permanent fund. The same year Dr. D. K. Pearsons gave to the College \$25,000 as an endowment to stand for the memory of his friend, Dr. Oliver Woodson Nixon, of Chicago, who was a native of Guilford



County, North Carolina. The same year, also, Benjamin N. and James B. Duke gave \$15,000 to the endowment, making their total donations to Guilford \$25,000. Among the benefactors is Samuel Hill, who gave \$5,000 in memory of his father, Nathan B. Hill, and \$6,000 subsequently for improvements in buildings and grounds. Dr. Alfred H. Lindley, of Minneapolis, created a fund of \$5,000 to the memory of his daughter, Ella Lindley. In 1904-1905 a fund of \$12,000 was established to the memory of Harriet Green, an English Friend who labored much in the Gospel among the Friends of America. The Francis White Fund of \$5,000 is in memory of Francis White, who, in his lifetime, gave assistance and great encouragement to the work of education in North Carolina.

The Jonathan E. Cox Fund of \$3,000 was established by his son, J. Elwood Cox—endowment.

The Marvin Hardin fund of \$1,300 was established in memory of Marvin Hardin by the Class of 1904—a scholarship fund.

The William Johnson fund of \$1,500—a scholarship fund.

The Richardson Fund of \$2,758, by will of Joseph S. Richardson—a scholarship fund.

The Fowell B. Hill Fund of \$1,000, by will of Fowell B. Hill—endowment.

The Ezra Murray Meader Fund of \$1,000, by will of Elizabeth Meader White—for mathematical department.

The Francis T. King Fund of \$5,000, by will of Francis T. King—for care of buildings and campus.

The Wells Fund of \$1,000—scholarship fund.

The Doctor Dicia Baker Fund of \$5,000, by will of Dr. Dicia Baker—for Girls' Aid Committee of North Carolina Yearly Meeting.

The Susanna Osborne Memorial Fund of \$500—for Girls' Aid Committee of North Carolina Yearly Meeting.

The total sum of permanent funds—those named above and others—is \$181,392.90. The value of material equipment, including buildings, furniture, apparatus, and farm with its outfit, is \$210,650.

### **Summary of Equipment**

These ten buildings, planned and equipped with much care and expense, provide excellent means for conducting the work of the College; and attention is called to them as an indication of the growth of the College, as well as its promise of continuance of good solid educational work.

For young men, we have three dormitories, and also the cottages for those who desire to lessen living expenses; and for girls, Founders Hall and New Garden. Founders has recently been renewed entirely, except the walls and roof, and made a comfortable, up-to-date home for young women, the expense for which, including heat, has been nearly as great as would be required to erect a new building. New Garden was well planned from the start, and combines many attractive features as well as the conveniences of a modern dormitory.

For academic work, we have Memorial Hall, containing two laboratories—the chemical and biological—the Museum of Natural History, auditorium, music rooms, two class rooms and the president's office, and

the two buildings, the Library and King Hall, which afford good facilities for instruction and study.

To any one who will take time to think about it, the large outlay here represented will reveal a fine equipment for doing good work in the field of education; and these buildings will also show a remarkable expansion and a corresponding improvement made at Guilford College in recent years.

One should also take into consideration the location of these buildings, the large farm owned by the College and the athletic fields, especially the recent work done on the baseball grounds, the making of a running track and the leveling of the inclosed circle to be used as a baseball field; and also the work done recently for the girls' athletic grounds, in the way of leveling and terracing their field west of New Garden Hall. Much more work is to be done in laying out tennis courts for the girls and in leveling the grounds and putting the same in grass, especially the terracing.

The electric plant and system of water supply give the place the conveniences of a city with the advantages of quiet surroundings conducive to study and simplicity of living.

These various and excellent arrangements have been made possible by the generosity and helpfulness of a large circle of friends of Guilford College, and everything has been done with a view to giving young people, young women, as well as young men, a healthful and stimulating place at which to spend a few years in substantial educational work and training.

These material equipments represent a pretty large outlay of money and thought, and show that the management has in mind the development and mainte-



nance of an education center that shall stand for all that is best in physical, intellectual and moral training. These buildings and their furnishings are intended to be a solid basis for genuine and thorough educational work, and to show to students and to the public that those who are most vitally responsible for the outcome and general effect of Guilford believe nothing is too good or too expensive that is to go into the moulding of the minds and characters of the young people of our country; that these people deserve the best possible opportunity to become all they are capable of becoming, for their own sakes and for the sake of all those whose lives they will in any way affect.

The location of the College, in the Piedmont section of the state, one thousand feet above sea, may be considered a part of the material equipment. The supply of pure water, from a well 364 feet deep, is a means of promoting good sanitary conditions, for nothing is more important in the production of strength of body, of mind and of character than environment. The air we breathe, the water we drink, and the food we consume and the total outlay of energy, thought and money should be so co-ordinated as to exert the greatest possible beneficial effect upon the body of young people whose immediate and future interests are at stake.

Every one needs a comfortable and safe place to live, a place in which the very atmosphere, figuratively speaking, will call the mind to the true and the beautiful and the good, and thus tend, in a very powerful way, to bodily and mental vigor, and to that ideal of religious activity in which one by losing one's life shall find it.



## REQUIREMENTS FOR ADMISSION

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### **Preparation**

Those who have access to a high school or other preparatory school are expected to complete four years in order to enter the Freshman class. The power and training secured in systematic study for four years in a high school are a good preparation for entering upon a college course. A chief cause of failure in college work is unsatisfactory preparation.

Students will find that a thorough working knowledge of the preparatory subjects is absolutely essential in order to take up the work of the college course.

### **Admission of Students**

Application for admission should be made upon forms which will be furnished on request.

Applicants for admission to the Freshman class must (1) present a letter of recommendation as to moral character; (2) present a certificate of recommendation in scholastic work; or (3) by examination give evidence of proficiency in required subjects.

Students coming from accredited schools, if recommended in fourteen units, in which the required units are included, are given Freshman standing. A study taken for one year, five times a week, is valued at one unit. Credentials in all cases should be sent to the President as early as possible.

Credits allowed on credentials are in all cases conditional. A student has only probationary standing for the first term and the period of probation may be prolonged if the work is unsatisfactory.

### **Required Preparatory Subjects for All Courses**

English .....	3 units
Algebra .....	1½ units
Plane Geometry .....	1 unit
*A Foreign Language .....	4 units
History .....	1 unit
Physical Geography .....	½ unit
Physiology .....	½ unit
Electives .....	2½ units

Candidates for the degree of Bachelor of Arts must present four units of Latin as a Foreign Language requirement. Candidates for the degree of Bachelor of Science must present four units of Foreign Language, two of which must be either French or German.

### **Conditional Admission**

Twelve units of the required units will be accepted for conditional entrance to the Freshman class, but no student will be granted Junior standing who has entrance conditions.

### **Admission to Advanced Standing**

Students from other approved institutions will be admitted to such standing as seems fair to the Committee on Credentials. The applicant in every case must present a statement of honorable dismissal, a catalogue of the school attended, and an official statement and description of the work done, with a record of full entrance credits.

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\*Students who are unable to present 2 units of French or German for admission may take French A or German A in college to remove conditions in these subjects.

### **Special Students**

Persons of mature age who for special reasons are not able to pass the tests for conditional Freshman standing may be admitted as special students. No student will be permitted to register for less than twelve hours in any term except by consent of the faculty. Such an applicant may study special subjects for which he is prepared, or he may take general academic study in preparation for professional education. If he should decide to become a candidate for a degree he must satisfy the regular requirements for admission. In the annual register of attendance each special student is indicated as such, and not as a candidate for a degree.

### Table of Subjects Accepted for Entrance

SUBJECTS	TOPICS	UNITS
English A.....	Grammar and Analysis.....	1
English B.....	Composition and Elementary Rhetoric.....	1
English C.....	Selections of Literature.....	1
Mathematics A....	Algebra to Quadratics.....	1
Mathematics B....	Quadratics, etc., Binomial Theorem....	$\frac{1}{2}$
Mathematics C....	Plane Geometry, complete.....	1
Mathematics D....	Solid Geometry.....	1
History A.....	Ancient.....	1
History B.....	Mediaeval and Modern.....	1
History C.....	English.....	1
History D.....	American.....	1
Latin A.....	Grammar and Composition.....	1
Latin B.....	Cæsar, four books and Composition... 1	
Latin C.....	Cicero, four orations and Composition. 1	
Latin D.....	Virgil, four books and Composition... 1	
Greek A.....	Grammar and Composition.....	1
Greek B.....	Xenophon, four books.....	1
German A.....	Grammar and Composition.....	1
German B.....	Reading and Exercises.....	1
French A.....	Grammar and Composition.....	1
French B.....	Reading and Exercises.....	1
Science A.....	Physical Geography.....	$\frac{1}{2}$
Science B.....	Chemistry.....	1
Science C.....	Physics.....	1
Science D.....	Physiology.....	$\frac{1}{2}$
Civics.....	Civil Government.....	$\frac{1}{2}$



## SPECIFICATIONS REGARDING ENTRANCE UNITS

### English

English A—Grammar and Analysis. . . . . One Unit

Spelling, parts of speech, inflection, syntax, structure of sentences, punctuation, use of capital letters, elementary composition.

English B—Composition and Elementary Rhetoric

One Unit

Choice of words and their mutual relations, paragraphing and form, different kinds of composition, including letter writing, narration, description, exposition, abundant practice in composition, with readings from masterpieces of American Literature.

English C—Literature. . . . . One Unit

The student is required to give careful study to the following: Shakespeare's *Macbeth*; Milton's *L'Allegro*, *Il Penseroso*, *Comus*, *Lycidas*, and some of his *Sonnets*; Scott's *Lady of the Lake*; Arnold's *Sohrab and Rustum*; Carlyle's *Essay on Burns*.

The student is required to read two selections from each of the following groups:

I. Genesis, Exodus, Joshua, Judges, Samuel, Kings, Daniel, Ruth, Esther; Homer's *Iliad*; Virgil's *Æneid*.

II. Merchant of Venice; As You Like It; Twelfth Night; Henry V; Julius Cæsar; Midsummer Night's Dream.

III. Robinson Crusoe; Vicar of Wakefield; Ivanhoe; House of Seven Gables; David Copperfield; Silas Marner; Treasure Island; Cranford.

IV. Pilgrim's Progress; Franklin's Autobiography; Parkman's Oregon Trail; Stevenson's Inland Voyage and Travels with a Donkey; Sir Roger de Coverley Papers; Macaulay's Essay on Warren Hastings; Irving's Sketch Book.

V. Gray's Elegy, and Goldsmith's Deserted Village; Coleridge's Ancient Mariner, and Lowell's Vision of Sir Launfal;

Scott's Lay of the Last Minstrel; all of Wordsworth, Shelley, and Keats in Palgrave's Golden Treasury; Longfellow's Miles Standish, and Whittier's Snowbound; Tennyson's Gareth and Lynette, Lancelot and Elaine, and Passing of Arthur; Byron's Childe Harold, Canto IV, and Prisoner of Chillon.

## **Mathematics**

### Mathematics A and B—Algebra

#### One and One-Half Units

Covering the four fundamental operations of algebra, factoring, highest common factor and lowest common multiple, fractions, simple equations, simultaneous simple equations, involution and evolution, exponents, radicals, quadratic equations, equations in the quadratic form, ratio and proportion, variation, and progressions.

### Mathematics C—Plane Geometry.....One Unit

Five books and numerous original exercises taken from other sources.

### Mathematics D—Solid Geometry.....One Unit

With original exercises and problems.

## **History**

In all of the following work a knowledge of historical geography is required. Not more than three units of credit in history will be accepted, the selections to be made from the following:

### History A—Ancient.....One Unit

History of Greece to the death of Alexander, and history of Rome to the overthrow of the empire of the west, or to the death of Charlemagne.

### History B—Mediæval and Modern.....One Unit

The general history of western Europe from the fifth century, or from the division of Charlemagne's empire to the close of the nineteenth century.

**History C—English. . . . . One Unit**

The political and social history of England from the period of the Roman occupation to the present day.

**History D—American. . . . . One Unit**

A general outline of United States history, including the period of discovery and settlement, the growth of the English colonies, the French and Indian wars, the revolution and the adoption of the constitution, the growth and expansion of the Union, the slavery conflict, the Civil War and reconstruction, and the recent development of the nation.

**Latin****Latin A—Grammar and Composition. . . . . One Unit**

Pronunciation, accent, quantity, thorough drill in forms, word formation, syntax, translation of elementary Latin sentences into English, elementary exercises in Latin prose composition.

**Latin B—Cæsar. . . . . One Unit**

First four books of Cæsar's Gallic War, thorough knowledge of its subject matter, familiarity with forms and construction, continued practice in Latin prose composition.

**Latin C—Cicero. . . . . One Unit**

Cicero's Orations against Catiline; continued practice in prose composition.

**Latin D—Virgil. . . . . One Unit**

Four books of Virgil's *Æneid*, forms and construction of poetry, hexameter verse, continued practice in prose composition.

**Greek****Greek A—Grammar and Composition. . . . . One Unit**

The forms, inflections, and idioms of Attic prose, syntax, prose composition—one year's work.

Greek B—Xenophon.....One Unit

Four books of Xenophon's *Anabasis*, study of Greek irregular verbs, syntax, translation of Greek into English and English into Greek.

### German

German A—Grammar and Composition....One Unit

Grammar, pronunciation, dictation, exercises in translation, both oral and written, and reading of about 100 pages of texts suitable for first year work.

German B—Reading and Exercises.....One Unit

Continued practice in grammar, dictation, conversation, oral translation from German into English and English into German, and about 300 pages of texts suitable for second year work, along with written exercises in prose composition.

### French

French A—Grammar and Composition.....One Unit

Grammar, pronunciation, dictation, exercises in translation, both oral and written, and reading of about 150 pages of texts suitable for first year work.

French B—Reading and Exercises.....One Unit

Continued practice in grammar, dictation, conversation, oral translation from French into English and English into French, and about 300 to 400 pages of texts suitable for second year work, along with written exercises in prose composition.

### Science

Science A—Physical Geography.....One-half Unit

The knowledge obtainable from a standard school text-book on this subject.

Science B—Chemistry.....One Unit

Including class room and laboratory work in the elements of chemistry. At least five exercises a week for one school year. A notebook should be presented.



Science C—Physics.....One Unit

Any standard school text-book, including class work with lecture demonstrations, problem work and simple laboratory experiments.

Science D—Physiology.....One-half Unit

A standard school text-book, with demonstrations and simple experiments. Special attention should be given to such practical subjects as sanitation, diet, and personal hygiene.

### **Civics**

Civics.....One-half Unit

A general study of the Constitution of the United States and the organization of the executive, legislative and judicial departments of the government; the division of governmental functions between the national and state governments; and the organization and operation of the state governments.

## GROUPS OF STUDIES

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The groups following are constructed in accordance with (1) the required studies and (2) electives. Besides fulfilling the requisite in required studies the student, in any group, must take at least three years' work in a single subject, known as the major subject. The student will select his group according to the major subject which he prefers. The selection of a group should be determined upon entrance into the Sophomore year. Electives entitle the student to select any studies which he may choose not in conflict with the authorized program of recitations, provided always that required studies must take precedence of electives in classification. The program of recitations will conform to the groups as outlined.

### Departments of Instruction

Instruction is given in the following departments:

- I Latin.
- II Greek.
- III German.
- IV French.
- V English.
- VI Bible.
- VII History.
- VIII Economics.
- IX Philosophy.
- X Mathematics.
- XI Physics.
- XII Biology.
- XIII Chemistry.
- XIV Business Education.
- XV Music.
- XVI Public Speaking.

The Courses of Study are differentiated into the following groups:

AI. Ancient Classical in which Latin and Greek are made prominent and required throughout the course.

AII. English Classical in which English is required throughout the course, together with two years of Latin and two years of Modern Language.

AIII. Political Science in which History, Political Science, and Sociology are required throughout the course.

BI. Chemistry, in which Chemistry and Physics are required, one year of Biology and two years of Modern Language.

BII. Mathematics and Physics in which these subjects are major subjects, together with one year of Biology and two years of Modern Language.

BIII. Biology, in which this subject is required as a major subject, together with Chemistry and two years of Modern Language.

Two academic degrees are offered by Guilford College, Bachelor of Arts, and Bachelor of Science.

All candidates for the degree of Bachelor of Arts must have completed a minimum of 126 term hours in the following courses:

#### Prescribed in Group AI

Latin .....	16 hrs.	Philosophy .....	5 hrs.
Greek .....	16 hrs.	*Modern Language....	16 hrs.
English .....	12 hrs.	Biology .....	8 hrs.
Mathematics .....	10 hrs.	Latin or Greek.....	16 hrs.
History .....	6 hrs.	Biblical Literature....	8 hrs.
Physics .....	4 hrs.	Elective .....	10 hrs.
Chemistry .....	4 hrs.		

\*The Modern Language requirement is 16 hours of one language, either French or German.

**Prescribed in Group All**

English .....	24 hrs.	Physics .....	4 hrs.
Latin .....	16 hrs.	Philosophy .....	5 hrs.
*Modern Language....	16 hrs.	Chemistry .....	4 hrs.
Mathematics .....	10 hrs.	Biblical Literature....	8 hrs.
History .....	6 hrs.	Elective .....	31 hrs.
Biology .....	8 hrs.		

**Prescribed in Group AIII**

History .....	14 hrs.	Physics .....	5 hrs.
History or Latin.....	8 hrs.	Chemistry .....	4 hrs.
Economics .....	7 hrs.	Biology .....	8 hrs.
Sociology .....	3 hrs.	Banking .....	3 hrs.
Ethics .....	3 hrs.	Philosophy .....	5 hrs.
English .....	18 hrs.	Biblical Literature....	8 hrs.
*Modern Language....	16 hrs.	Elective .....	20 hrs.
Mathematics .....	10 hrs.		

All candidates for the degree of Bachelor of Science must have completed a minimum of 126 term hours in the following courses:

**Prescribed in Group BI**

Chemistry .....	29 hrs.	†Modern Language....	16 hrs.
Physics .....	12 hrs.	Philosophy .....	5 hrs.
Biology .....	8 hrs.	Biblical Literature....	8 hrs.
Mathematics .....	10 hrs.	History .....	6 hrs.
English .....	12 hrs.	Elective .....	24 hrs.

**Prescribed in Group BII**

Mathematics .....	32 hrs.	History .....	6 hrs.
Physics .....	16 hrs.	†Modern Language....	16 hrs.
Chemistry .....	12 hrs.	English .....	12 hrs.
Biology .....	8 hrs.	Philosophy .....	5 hrs.
Biblical Literature....	8 hrs.	Elective .....	16 hrs.

**Prescribed in Group BIII**

Biology .....	24 hrs.	†Modern Language....	16 hrs.
Chemistry .....	17 hrs.	Geology .....	8 hrs.
Physics .....	4 hrs.	Philosophy .....	5 hrs.
Mathematics .....	10 hrs.	Biblical Literature....	8 hrs.
English .....	12 hrs.	Elective .....	21 hrs.
History .....	6 hrs.		

\*The Modern Language requirement is 16 hours of one language, either German or French.

†Students must take Course A in the language not presented for admission, and in addition Course I in either of the languages.



In order to aid the student in his work the following scheme is proposed and it is expected that all students will choose studies according to this scheme.

### **Freshman Year—First Term**

Not less than 16 nor more than 18 hours from the following subjects, the choice being limited by the Group selected.

Livy .....	4	German or French.....	4
English Ia.....	4	History .....	3
Greek .....	4	Physics A.....	4
Mathematics - Ia.....	5		

### **Sophomore Year—First Term**

Latin .....	4	German or French.....	4
History .....	3	Biology .....	4
English II.....	2	Chemistry I.....	4
Greek .....	4	Physics I.....	4
Physics A.....	4	Mathematics II.....	4

After this the selection should be made under the careful advice of the major professor.

## DEPARTMENTS OF INSTRUCTION

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### Latin

I. LIVY.—This course embraces two books of Livy with composition weekly. Rapid reading and sight reading on easy passages are employed as tests. Points in history and syntax, together with Livy's style, are emphasized. Four hours a week. Fall term. Freshman.

II. TACITUS.—This course embraces the *Germania* and *Agricola*. Also either the Poet Archias of Cicero, or composition, as the case demands, is required. The *Germania* is studied for its intrinsic value as history; the *Agricola* is studied as history and as a biography. The *Agricola* of Tacitus and the Poet Archias of Cicero are studied as masterpieces in Latin literature. Four hours a week. Spring term. Freshman.

III. SELECTIONS FROM VIRGIL.—This course embraces *Georgics* I and IV, and selections from the *Æneid*. In this course it is intended to set forth the principles upon which Latin poetry is based, the hexameter being the simplest and best representative of Latin verse. The selections are made with a view to illustrate Virgil's method of developing a National Epic for the Romans. Virgil's style and syntax are an essential part of the course. Four hours a week. Fall term.

IV. SELECTIONS FROM OVID AND PROPERTIUS.—This course embraces selections from the *Elegies* of Ovid

and Propertius illustrative of this department of Latin poetry. The selections from the *Metamorphoses* of Ovid are very valuable from the mythology which they contain treated in epic form. Four hours a week. Fall term.

V. HORACE.—Many of the Odes and of the Satires and Epistles, and the *Ars Poetica* constitute this course. Poetic peculiarities, sentiment, and elegance of expression in Latin verse are among the things studied. Prosody is an essential part of the work. Four hours a week. Spring term.

VI. CICERO'S TUSCULAN DISPUTATIONS I AND SELECTIONS FROM LUCRETIVS.—This course is given as a study in Roman philosophy. Special attention is called to philosophical thought as expressed by these two authors. The technical meaning of words, and a thorough drill in syntax are emphasized. Four hours a week. Spring term.

VII. ROMAN COMEDY.—This course embraces the *Captivi* and *Trinummus* of Plautus, the *Andria* and *Adelphoe* of Terence. It is the intention of this course to give the student an idea of the fundamental qualities of Roman comedy. It is in the comedy that one finds daily life depicted, and it is in comedy that the daily speech is used—two very essential elements toward a correct understanding of the literature of a people. Three hours a week. Fall term.

VIII. TRAGEDY.—This course embraces three Tragedies of Seneca and selections at sight from Gudeman's Latin Literature. Three hours a week. Spring term.

## Greek

I. The first term in the study of Greek is devoted to learning the forms of the language, and doing easy exercises from Frost's Greek Primer. In the second term, two books of Xenophon's *Anabasis* are read.

II. In the second year, the third book of the *Anabasis*, and about an equal amount of Herodotus are read in the first term. The second term is given to Homer's *Iliad*.

III. During the first term of the third year Plato's *Apology*, *Crito*, and *Thucydides* are read. The last term is given to New Testament Greek.

For students electing a fourth year in Greek additional reading matter will be furnished according to the wish and efficiency of the class.

## German

Students wishing to qualify for German I may present a satisfactory certificate of their school instruction in German or pass an examination over the work required in German A.

Course A.—Course for beginners. Pronunciation and grammar; oral and written exercises; dictation; sight translation; reading of simple German prose.

*Texts.* — Spanhoofd, *Lehrbuch der deutschen Sprache*; Müller and Wenkebach, *Glück Auf*; Storm, *Immensee*, or equivalents. Four hours a week.

Course I.—Prerequisite Course A. Grammar and composition; oral and written reproduction of selected passages of texts read; dictation; reading of prose and poetry.



*Texts*.—Willkommen in Deutschland; Im Vaterland; Goethe, Hermann und Dorothea; Schiller, der Neffe als Onkel; Zschokke, der zerbrochene Krug or equivalents. Four hours a week.

Course II.—Prerequisite Course I. Advanced grammar; oral and written summaries of texts; extensive reading of prose and poetry.

*Texts*.—Chosen from such authors as Schiller, Lessing, Goethe, Freytag, Kleist. Three hours a week.

Course III.—An advanced course in German literature open to those who have completed Course II.

## French

Students wishing to qualify for French I may present a satisfactory certificate of their school instruction in French or pass an examination over the work required in French A.

Course A.—Course for beginners. Pronunciation and grammar; oral and written exercises; dictation; sight translation; reading of simple French prose.

*Texts*.—Chardenal's Complete French Course; Talbot, Le Français et sa Patrie; Labiche and Martin, Le Voyage de M. Perrichon; Daudet, Le Petit Chose, or equivalents. Four hours a week.

Course I.—Prerequisite Course A. Grammar and composition; oral and written reproduction of selected passages of texts read; dictation; reading of prose and poetry.

*Texts*.—Fraser and Squair's Grammar, Part II; Francois Introductory French Prose Composition;

Malot, Sans Famille; Daudet, Morceaux Choisis; Lamartine, Jeanne d'Arc; Pailleron, Le monde ou l'on s'ennuie, and others. Four hours a week.

Course II.—Advanced grammar; study of the history of French literature based on an *Histoire de la littérature française*; reading of representative texts; oral and written reviews of texts read; special topics. Three hours a week.

Course III.—An advanced French literary course open to those who have completed Course II.

### English

English Ia and Ib are required of all Freshmen, English II of all Sophomores. The other courses are elective.

Ia. This course covers the principles of rhetoric and composition. Attention is also given to the reading and careful analysis of model prose selections taken from the best English and American writers. Lectures on the history of the English language. Frequent themes. Four hours, first half year.

*Text.*—Genung, Handbook of Rhetorical Analysis.

Ib. ENGLISH LITERATURE.—The second half year presents a general survey of English Literature from the Anglo-Saxon age to the present day. Lectures, readings in class, outside readings and reports. Four hours, second half year.

*Text.*—Moody and Lovett, English Literature.

II. SOPHOMORE COMPOSITION.—Constant practice in the various forms of prose composition. This course also includes some practice in oral composition. In the

second half year lectures on the appreciation of literature. Readings from selected authors. Two hours throughout the year.

*Text.*—Wendell, English Composition; Lomer and Ashmun, The Study and Practice of Writing English.

IIIa. ELIZABETHAN DRAMA.—This course is intended to acquaint the student with the drama of the age of Elizabeth. It consists of an historical survey of the drama, a study of the playwrights immediately preceding Shakespeare with respect to their influence upon him, a study of Elizabethan society and playhouses, and a few of Shakespeare's early plays. Elective. Three hours, first half year.

*Text.*—Neilson, Chief Elizabethan Dramatists.

IIIb. This course is a continuation of IIIa. All the plays of Shakespeare, several of which are studied critically in class. Lectures on his development as a dramatist. Elective. Three hours, second half year.

IVa. NINETEENTH CENTURY PROSE.—During the first half year attention is given to the English prose masters of the nineteenth century, and a more or less critical examination of some of their works. Lectures, readings in class, outside readings and reports. Elective. Three hours a week, first half year.

IVb. NINETEENTH CENTURY POETRY.—Lectures on the lives and works of Coleridge, Wordsworth, Shelley, Byron, Keats, Arnold, Tennyson, Browning, Rossetti, Morris and Swinburne. Lectures, class room discussions, outside readings and reports. Elective. Three hours, second half year.



*Va.* AMERICAN LITERATURE.—The purpose of this course is to give the student a general survey of American Literature from 1607 to the present day, with a more or less intensive study of the representative writers of each period. Lectures, recitations, outside readings and reports. Elective. Three hours, first half year.

*Text.*—Wendell and Greenough, History of Literature in America.

*Vb.* TYPES OF FICTION IN THE EIGHTEENTH AND NINETEENTH CENTURIES.—Typical movements in the development of fiction writing since 1700. The English novel of manners, the historical novel, romantic and realistic tendencies, the novel of purpose, the psychological romance, and various types of the short story will be studied. Lectures, outside readings and reports. Elective. Three hours, second half year.

### **Biblical Literature**

The work in Biblical Literature consists of a survey of Hebrew and Jewish history, with special studies in the prophetic writings during the Fall term. The Spring term is devoted to the study of the four Gospels. Four hours a week. One year. Required of all students in their Junior or Senior year.

### **Teacher Training**

The great stress in this course is laid on the Bible and its use in Sunday School and home. Text-book, lecture, and required readings and investigation on as-



signed subjects. Especially arranged for Christian workers in Sunday School and church. Three hours, first term.

### **New Testament Doctrines**

This course deals with the original message of Christianity as given by Christ and the Apostles in the Gospels, Acts, and Epistles. Three hours, second term.

### **The Life of Christ**

This course will include a study in the harmony of the Gospels, a separate analysis of each Gospel that its particular message may be seen, a few of the outstanding truths of Christian doctrine, the geography of Palestine, memory work, oral reading in class and outside readings. Four hours, first term.

## **History**

I. **MEDIAEVAL AND MODERN HISTORY.**—In this course the history of Western Europe is studied, outlining the rise of the Papacy, the Crusades, the Renaissance, the Reformation, the French Revolution, and the Development of Modern Europe. Reference work in the library and reports on special topics form an essential part of the course. Three hours a week. One year. Elective in Political Science Group in Freshman year. Required in all other Groups in the Sophomore year.

II. **ENGLISH HISTORY.**—This is a study of the political, industrial and constitutional development of England from the earliest period to the present time. Special attention will be given the State, the English

Church, the Puritan Movement, the Colonial System and the Industrial Revolution. Reference work and reports are required. Three hours a week. One year. Alternates with Course I as an elective in Freshman year in Political Science Group and as a requirement of Sophomores in all other groups.

IIIa. CONSTITUTIONAL HISTORY.—This is a study of the formation and development of the United States Government, with a close examination of its present form and workings. It is, therefore, a combination of history and advanced civics. A text-book is used, but considerable reference work in the Library is required, the results of which are embodied in themes at regular intervals during the term. The aim is not only to develop a knowledge of the history and workings of the government, but to stimulate an interest in current political life and its responsibilities. Four hours a week. Fall term. Required in the Political Science Group; elective in Junior or Senior year in all other groups.

IIIb. CONSTITUTIONAL HISTORY.—The nature and origin of government will be traced, together with the development of the modern states: England, France, Switzerland and Germany. This is followed by a study of the general form and working of these governments, with emphasis on the legislative, administrative and judicial functions. Reference work on the subject matter of the course and the current political and diplomatic situation in Europe is done in the library and reports made to the class. Each member of the class is required to make an independent study of some government not treated in the class and write a theme on

it. Four hours a week. Spring term. Required in the Political Science Group; elective in Junior or Senior year in all other groups.

IV. AMERICAN HISTORY.—This is a course in advanced American History, and deals with origins, movements and developments rather than mere incidents and facts. A text-book will form the basis of the course, but broad readings, reports, lectures, and discussions will form the major part of the work. The study will extend throughout the year, reciting four hours a week, but will be divided into two parts, as follows:

(a) Fall term: 1492-1789—Colonial Period, Revolution and Independence; Formation of the Government and Origin of Parties.

(b) Spring term: 1789-1916—National Development and Expansion; Slavery Controversy; Civil War and Reconstruction; Period Since the War.

Courses IV*a* and IV*b* alternate with III*a* and III*b*.

### **Economics**

I. ECONOMICS.—This is a general introduction to the principles of political economy. Its purpose is to give a general understanding of current American economic problems and of the forces underlying our industrial life, thus preparing students for more advanced study and the duties of citizenship. The course consists of text-book, collateral reference work and a theme by each student based on a study of some practical economic problem. Four hours a week. Fall term. Junior or Senior.



II. ECONOMICS.—This course is a continuation of Economics I. In it a more thorough study is made of certain phases of political economy, including money and banking, transportation, corporations and the tariff. Four hours a week. Spring term. Junior or Senior.

III. SOCIOLOGY.—This course strives to explain the basis of society, the social institutions, social pathology and the remedies, and social psychology and progress. Collateral readings and the study of some current social problem is required of each member of the class. Three hours a week. Fall term. Senior.

### **Philosophy**

I. PSYCHOLOGY.—A course in general psychology seeking to cover the field of mental facts and processes, supplemented by readings and lectures. Three hours a week. Fall term. Senior.

*Text.*—James' Psychology Briefer Course.

II. LOGIC.—Careful attention is given in this course to definitions and explanation of the terms, and much practice in processes of reasoning. Two hours a week. Spring term. Senior.

*Text.*—Jevon's Lessons in Logic.

III. ETHICS.—In this course the trend of Christian ethics will be considered historically, and an attempt is made to find a fundamental basis of moral conduct. The work consists of lectures and notes on assigned readings, together with a theme on some phase of ethical study. Three hours a week. Spring term. Senior.



IV. METHODS OF TEACHING.—The course in Pedagogy is embraced under the designation of Methods of Teaching and consists of a two-hour course each week for the entire Spring term of eighteen weeks. Hamilton's "Recitation" is used as a text-book and also James' "Talks to Teachers." By a discussion of these texts in class with special reference to methods as denoted by such expressions as Induction and Deduction, Analysis and Synthesis, a posteriori and a priori knowledge much valuable instruction is given that will be useful to those who wish to prepare themselves for teaching. Not only is use made of the brief course in Psychology in James' "Talks," but many members of the classes in the course in Methods have had before entering the study all the Psychology contained in James' Smaller Treatise on Psychology with reference also to his complete work in two volumes. The fact is never lost sight of that knowledge of the subject to be taught is an absolutely necessary preparation for successful teaching and is the fundamental factor.

### Mathematics

Ia.—COLLEGE ALGEBRA.—This course begins with a review of the ground work of elementary algebra, and includes logarithms, undetermined coefficients, the binomial theorem for fractional and negative exponents, permutations and combinations, and a brief introduction to the theory of equations. Five hours. Fall term.

*Text.*—Fine's College Algebra.

Ib.—SOLID GEOMETRY.—Three hours. Spring term.

*Text.*—Wells' New Plane and Solid Geometry.

*Ib.*—PLANE TRIGONOMETRY.—Two hours. Spring term.

*Text.*—Wells' New Plane Trigonometry.

II. PLANE AND SOLID ANALYTIC GEOMETRY.—Four hours throughout the year.

*Text.*—Smith and Gale's New Analytic Geometry.

III. DIFFERENTIAL AND INTEGRAL CALCULUS.—Prerequisite, Mathematics II. Four hours throughout the year.

*Text.*—Townsend and Goodenough's A First Course in Calculus.

IV. DIFFERENTIAL EQUATIONS.—Three hours throughout the year.

*Text.*—Cohen's Elementary Differential Equations.

No credit will be given in Courses II, III, and IV for less than a year's work.

V. SURVEYING.—The recitations cover the construction, use, and adjustment of the compass, surveyors and solar transit and level, the use of chains, tapes, rods, and other instruments; land surveying, computations, including balancing, supplying omissions, finding areas and dividing land, and United States public land surveys. The field work and computations afford practice chiefly in making a traverse and transit and chain, in leveling, in adjustments of transit and level, and in the computations required to balance and map the traverse. Field work, computations and mapping; also stadia and plane table work. Three hours. Fall term. Elective.

VI. DESCRIPTIVE ASTRONOMY.—This course aims to give such information concerning the heavenly bodies and the laws by which they are governed as must be secured by every one who aspires to the possession of

a liberal education. The student learns the method of determining the figure, dimensions, distances, motions, physical character, and telescopic appearances of the bodies constituting the solar system, nature of comets, meteors, stars, nebulae.

A small telescope, a solar transit, a student's spectrometer, sextant, clinometer, and sundial enable students to supplement their work with interesting observations as are required. Two or four hours a week. Spring term. Elective.

### Physics

The Physics Department occupies two well lighted and well ventilated rooms in the basement of King Hall. One of these serves as a shop. Here also are a 6 H. P. kerosene engine, a  $3\frac{3}{4}$  K. W. 110 volt D. C. generator, rotary air pump, pressure tanks, wireless apparatus, and a 14 volt 60 ampere-hour storage battery. The other room serves as a laboratory and lecture room. The lecture apparatus has been well selected to illustrate the most important phenomena of Physics. For accurate experimental work by the advanced students there are several excellent pieces of apparatus by Gaertner, a good assortment of Weston Meters, a Leed and Northrup Potentiometer and other high grade instruments. The laboratories are piped for gas and wired for 110 volt D. C. and 14 volt storage current. The wireless apparatus has been improved and augmented. Associated Press and weather reports are received daily from Arlington and all the important coast stations from Long Island to Key West can be easily heard.



A. ELEMENTARY PHYSICS.—This course is required of all candidates for degrees who do not present Physics for entrance. It comprises a general survey of the most important principles of Mechanics, Heat, Sound, Light, Magnetism, and Electricity. There are four lectures and recitations and two two-hour periods of laboratory each week. A good working knowledge of the elements of Algebra and Plane Geometry is indispensable. Solution of problems will constitute a large proportion of the work.

*Text.*—Carhart and Chute "First Principles of Physics."

I. GENERAL PHYSICS.—In this course the principles and phenomena of Physics are taken up in more detail than in Physics A. In the laboratory especial attention will be paid to accuracy of observation and measurement. Prerequisites Physics A or an equivalent and Plane Trigonometry. Four lectures and recitations and one two-hour laboratory period each week throughout the year.

No credit will be given for less than a year's work.

IIa. ELEMENTS OF ELECTRICITY.—This course is designed for students who desire a practical working knowledge of the fundamentals of electricity. A detailed study will be made of dynamos, motors, inductance, storage batteries, electrolysis, and problems of illumination and power distribution. Prerequisites Physics A or I or an equivalent and Plane Trigonometry. Four hours first half year—lectures, problems, recitations, laboratory.

*Text.*—Timbie, Elements of Electricity.



IIb. SPECIAL TOPICS OF ELECTRICITY OF MAGNETISM.—Open to students who have completed Physics I or an equivalent. This course will be more theoretical than Course IIa and is designed for students who are specializing in Physics. An elementary knowledge of Calculus is advantageous. Two lectures and two two-hour laboratory periods each week. Second half year.

III. THEORETICAL MECHANICS.—Two hours per week throughout the year.

### **Biology**

BIOLOGY.—Laboratory work, to the amount of six hours each week for courses giving four hours' credit (courses of less credit value proportionately) is required in the department.

I. GENERAL BIOLOGY.—Lectures, recitations, and exercises on the chemistry of protoplasm, the primary functions of the organism and their specialization, phenomena of metabolism, growth phenomena, tissue differentiation for specific functions, ontogenesis, variation and heredity, organic response, and the nature of the "species," and its origin. Laboratory study of a number of carefully selected types of plants and animals. Required readings on the history and philosophy of Biology, and suggested collateral readings.

*Texts.*—Hamaker's *Principles of Biology*, Abbott's *General Biology*, Locy's *Biology and Its Makers*, and others. Throughout the year, 1916-1917. Credit, four hours.

II. MAMMALIAN ANATOMY.—Based on the dissection of the cat, which closely resembles man in struc-

ture. Of especial value to those intending to study medicine, or to teach Biology or Physiology in secondary schools. Practical training in anatomic methods. Lectures on the Comparative Anatomy of Vertebrates, with demonstrations.

*Texts.*—Davison's *Mammalian Anatomy, with Special Reference to the Cat*; Jayne's *The Skeleton of the Cat*; Wilder's *Mammalian Anatomy*, and others. Throughout the year, 1916-1917. Credit, three hours.

IIIa. EMBRYOLOGY.—A study of the development of the chick, and either a frog, necturus, or amia. A lecture and demonstration course, tracing the chief steps in maturation, fertilization, and development of germ cells into embryonic structure of tissues and organs, illustrated by charts, models, lantern slides and photographs, and the study in the laboratory of whole mounts, serial sections and wax reconstructions. Morgan's *Development of the Frog's Egg*, and Lillie's *Development of the Chick* are used as bases of work. The results to be expected from Experimental Zoology are emphasized, and an encouragement given to such study. Collateral reading. Fall term, 1916-1917. Credit four hours.

IIIb. HOUSEHOLD BACTERIOLOGY.—The aim in this course is to study the distribution of bacteria in nature as affecting our life surroundings, especially of the home and workplace, to become familiar with their forms and classification, growth and culture methods, and culture media. Sterilization, disinfection, antiseptics, care of wounds and cuts. Infections and home practices. Fermentation, including the biological proc-

esses involved in breadmaking, brewing and vinegar-making. Milk in its relation to bacteria—including normal and abnormal fermentation. Butter and butter-making and cheese-making, pasteurization. The bacteriology of dusting, sweeping, home sanitation. Sick-room sanitation, harmful bacteria, etc. Personal hygiene from a bacteriological standpoint.

Text, lecture, and laboratory work. Spring term, 1916-1917. Credit four hours.

IVa. PLANT BIOLOGY.—The morphology, life-histories, and natural relationships of the Algæ, Bacteria, Fungi, Liverworts, and Mosses.

Special attention is given to the economic relationships of these various groups of the more simply constructed plants; as, for example, causative factors in disease production in plants and animals; as agents in soil formation; their influences in manufacturing industries as in dairying, tanning, pharmacy, canning, etc., and their relation to work in the various other sciences, such as chemistry, physics, bacteriology, agriculture and domestic science. Types suitable to the demonstration of the steps in phyletic development are studied in the laboratory.

*Text.*—Coulter-Barnes-Cowles' *Text-book of Botany*, Vol. I, and others.

Fall term, 1917-1918. Credit four hours.

IVb. GENERAL BACTERIOLOGY.—A general introductory course. Recitation and laboratory work covering the biological and morphological characters, physiology, classification, and distribution of the bacteria; factors necessary for development of bacteria; factors



inhibiting growth, media, staining values, basic principles of applied bacteriology, and the functional grouping of bacteria. The student prepares glassware, apparatus, media; sterilizes and incubates; prepares, stains and mounts bacteria; and learns microscopic technique. Migula's classification as to families and genera will be studied microscopically and culturally.

*Text.*—Ellis' *Bacteriology*, and manuals. Spring term, 1917-1918. Credit four hours.

V. COLLEGE PHYSIOLOGY.—Studies conducted by lecture, reference and laboratory work upon essential physiological processes, as contraction, co-ordination, nutrition, metabolism, circulation, secretion, excretion, reproduction, and the special senses. Lectures on the relation of physiologic activity to health and efficiency. Essential for students who plan the study of medicine, or further work in Biology, or teaching.

*Prerequisite.*—A good secondary school course in physiology, that, in the opinion of the instructor in charge of the present course, is satisfactory, and the courses in Chemistry I, Physics, I, and Biology I.

*Texts.*—Martin's *The Human Body (Advanced Course)*; Brubaker's *Text-book of Physiology*, and Hemmeter's *Practical Physiology*.

Throughout the year, 1916-1917. Credit three hours.

VI. PRACTICAL ANIMAL HISTOLOGY.—Instruction and exercises in approved methods of killing, fixing, and preserving specimens and tissue parts; methods of hardening, imbedding, cutting, staining and mounting permanent histological materials. Students make their own preparations according to directions, and are



required to develop a high degree of skill in manipulation. Essential for prospective medical students, teachers, or any who contemplate advanced biological study.

*Texts.*—Dahlgren & Kepner's *Principles of Animal Histology*; Stempell-Geiser's *Practical Elementary Zomicrotomy*; Lee's *Microtome's Vade Mecum*.

Throughout the year, 1916-1917. Credit two hours.

VII. GENERAL GEOLOGY.—Recitations, laboratory work, together with collateral reading. The common rocks and minerals are studied and identified, their dynamic, structural, and historical geology is studied in connection with field trips, stereopticon illustrations, and examination of fossils in the museum. Four hours a week throughout the year, 1916-1917.

*Text.*—Chamberlin & Salisbury's *College Geology*, with references to the authors' larger work; Shimer's *The Study of Fossils*, and Eastman's Translation of von Zittel. Prerequisites, Biology I, Physics A, Chemistry I.

In all year-courses in the department, no credit will be given for less than a full year's work.

## Chemistry

A. The work covers the ground of an elementary course and is an introduction to Chemistry I. The general principles of the subject are taken up and many of the applications of chemistry to daily life are discussed. The lectures and recitations are accompanied by numerous experimental demonstrations. Required of all Freshmen except those electing Groups AI and AII, and required of those students in their Sopho-

more year. This course is not the equivalent of a half year's work in Chemistry I. Lectures, recitations and laboratory work. Four hours. Second half year.

*Text.*—McPherson and Henderson's First Course in Chemistry.

I. GENERAL CHEMISTRY.—This course consists of a thorough study of the more important elements and their compounds. In general, there will be two lectures or recitations and two laboratory periods each week. The laboratory work consists of the preparation and study of the properties of the non-metallic elements and their compounds. The lectures and recitations are accompanied by many experimental demonstrations. Required Sophomore year of all students electing the Chemistry group and Junior year of all students electing the Physics and Mathematics Group. No credit will be given for a half year's work in this course. Four hours the entire year.

*Text.*—Alexander Smith, General Chemistry for Colleges.

II. QUALITATIVE ANALYSIS.—This course is as practical as possible, consisting of a thorough study of the methods for the separation and detection of the bases and acids. Analyses are made of simple salts and minerals. There is at least one lecture or recitation each week. Prerequisite, Chemistry I. Four hours or more by arrangement.

*Text.*—W. A. Noyes, Qualitative Analysis.

III. QUANTITATIVE ANALYSIS.—Analyses of pure salts are made by the simpler gravimetric and volumetric methods, as well as complete analyses of ores

and technical products. Prerequisites, Chemistry I and II. Four hours or more by arrangement.

*Text.*—Talbot, Quantitative Analysis.

IV. ORGANIC CHEMISTRY.—This course consists of a study of the principal compounds of carbon and their derivatives. In general, there will be three recitations and two laboratory periods of three hours each per week. This course is required of all students in the Chemistry Group and will be useful to students of biology and medicine. Five hours. Second half-year.

*Text.*—Remsen, Organic Chemistry.

V. ADVANCED QUANTITATIVE ANALYSIS.—This is a continuation of Course III, and consists of the analysis of water, milk, steel, fertilizers, etc. Hours to be arranged.

VI. CHEMISTRY OF FOOD AND NUTRITION.—This course will comprise a study of the organic and inorganic foodstuffs, the changes which they undergo in body metabolism, the energy value of different foods and their economic value. As far as time will permit, additional topics, such as the Pure Food Law and the manufacture of some of the more important food materials are taken up. Lectures, laboratory work and outside reading. Prerequisite, Chemistry A. Four hours. First half-year.

*Text.*—Sherman, Chemistry of Food and Nutrition.

In all courses in Chemistry, except course IV, one laboratory period consists of two and one-half actual hours.

A breakage fee of 50 cents, which is included in the term fee, is required of all students in the Chemistry Department.



## **Bookkeeping and Banking**

MODERN ILLUSTRATIVE BOOKKEEPING.—A course in practical work with checks, drafts, notes, deposits, discounts as practiced by progressive business houses in Double and Single Entry Systems and Special Column Journalizing, with balance sheets and business statements. Full set of blank books, commercial papers, college currency and forms are furnished the student for practice in bookkeeping.

When preparing for Banking, students should select Bookkeeping, History, English, Physics, Economics and read "Money, Banking and Finance," "Commercial Law," and "Management of Business Houses."

MODERN ILLUSTRATIVE BANKING AND BANK ACCOUNTING.—This course consists of a detailed account of the organization, management and most approved practice in banking as to actual work of each department and proofs for same, using forms and vouchers and regular bank books for each day's work. Lessons on the Burroughs adding machine will supplement this work. Required in Course AIII, and can be elected in any course.

Bookkeeping, Fall term. Banking, Spring term.

Certificate granted for completing the course.

The extra charge of \$10.00 per term includes blanks and vouchers.

## **Music**

It will be the aim of the department to give such technical and æsthetic training as will enable students to continue their studies independently and also to



impart their knowledge. To this end courses have been arranged along those lines which will tend to cultivate the taste, develop the mind, and elevate the ideals.

The time required for the completion of these courses will vary, according to the native talent, the previous training, and industry of the student.

Pupils will be taught with reference to their peculiar needs, and aided from the beginning to form habits of attention and thoughtful practice.

## **COURSES OF STUDY**

### **Course I**

Pianoforte, Theory, History of Music, equivalent of High School course, German, English literature, History.

### **Course II**

Voice Culture, Pianoforte (through the Intermediate grade), Theory, History of Music, equivalent of High School course, French, German, Italian.

## **Pianoforte**

Three grades: Elementary, Intermediate, Advanced.

Special attention will be given to Hand Positions, the proper use and control of finger, hand, wrist and arm, conducing to elasticity of touch and correct phrasing.

### **Elementary Grade**

Finger and wrist exercises, scales taught in contrary and parallel motion, canon form, grouping by accent, or rhythms.

Arpeggios founded on common chord, major and minor, dominant seventh, diminished seventh.

Studies selected from: Kohler's Pianoforte Method, Kohler's Studies, Op. 50, Loschhorn, Op. 65, Burgmuller, Czerny, MacDougall, etc.

Pieces by Gurlitt, Reinecke, Ganschals, Streabbog and others.

### **Intermediate Grade**

Technical exercises continued. Scales in double thirds and sixths.

Studies by Bertini, Heller, Op. 47 and 45, Czerny, Op. 299, Bach, Loschhorn, Op. 66, Czerny's "Legato and Staccato," Sonatinas and easier Sonatas of Haydn, Mozart, Beethoven.

Mendelssohn's "Songs Without Words."

Pieces by Handel, Jensen, Godard, Greig, Raff, Henselt, Saint Saens, Chopin, Schubert and others.

### **Advanced**

Technical exercises of preceding grades at a more rapid tempo.

Studies of Cramer, Clementi's Gradus ad Parnassum, Bach's Well-Tempered Clavichord, Kullak's Octaves, Beethoven's Sonatas, Chopin's Études.

Pieces by Webber, Chopin, Schumann, Moskowski MacDowell, Lizst and others. Concerti by Beethoven, Mendelsshon and others.

### **Vocal**

Careful attention will be given to correct breathing, voice placing, tone production; the use of the lips, tongue and palate with reference to distinct articula-

tion; all tending toward the development of a natural and easy manner of singing.

Vocalises and Solfeggio; Studies selected from Concone, Panofka, Marchesi, Sieber, Bordogni.

Sings of the best English and American composers, beside those of Mozart, Schubert, Schumann, Franz, Grieg.

French, German, and Italian Songs in the original text.

Arias from the Oratorios of Handel, Haydn, Mendelssohn.

### **Harmony**

The difficulties in the study of harmony will be lessened by learning that the rules are derived from certain principles, *i. e.*, the natural tendencies in harmonic and melodic progressions. The study will involve a thorough knowledge of musical notation, intervals, signatures, keys, formation of scales, triads of major and minor scales and their inversions. Simple four-part writing from given basses and sopranos.

Harmonies of the Seventh and their inversions, Secondary harmonies of the Seventh and their inversions.

Chords of the Seventh in connection with chords of other tone degrees.

Chords of Ninth, Eleventh, and Thirteenth.

Chromatic alterations of the Fundamental Harmonies, Modulations, Suspensions, Organ-Point, Passing-Notes, Passing-Chords, Harmonizing melodies.

### **History of Music**

Music before the twelfth century.

Development of Folk-Song: Troubadours, Minnesingers, Meistersingers.

Evolution of Music Forms: Choral, Oratorios, Sacred Cantata, Sonata, Symphony.

Schools of Music: The Netherlands, Flemish, Italian, French, German.

Masters of Music: Palestrina, Handel, Bach, Gluck, Haydn, Mozart, Beethoven.

Lesser Lights: Schubert, Von Weber, Spohr, Mendelssohn, Schumann, Cherubini, Wagner.

### **Free Classes**

Harmony.—This class is open to such music students as are sufficiently advanced.

Chorus Classes.—In these classes students receive training in part-singing.

### **Recitals**

Realizing that ease and confidence in playing for others can be acquired only by experience in doing so, weekly recitals will be held, at which students will be encouraged to render their pieces in the presence of others; they will also have an opportunity of hearing the best works of different epochs interpreted with descriptive analysis.

### **Diplomas**

Candidates for graduation in music, besides completing the prescribed course, will be required to give a finished and satisfactory public recital.

Students who are candidates for a degree may elect not more than eight hours in music to apply toward graduation, this to be taken in either the intermediate or advanced grades.



### **Public Speaking**

The student is taught phonics, articulation, pronunciation, emphasis, inflection, tone color, and physical culture as requisites of successful public speaking. As a foundation for intelligent reading, he analyzes standard selections from literature and afterward commits them to memory. He is encouraged to be natural and conversationally direct, and not to be affected, imitative and mechanical. He learns to fill his words with his own thoughts, and to fix the attention of the audience upon his subject rather than upon himself.

A number of the great orations are assigned for outside reading. A short time is given to the study of parliamentary law. Elective. Three hours per week throughout the year.

## PREPARATORY SCHOOL

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In order to accommodate some of our patrons who are not in reach of good high schools we are carrying two years of preparatory work to prepare students for the Freshman class. All these classes are taught by the college teachers, and the work continues for thirty-six weeks each year. These two years which we give are equivalent to three years and in some cases to four years of high school work.

The following courses are taught each year :

FALL TERM		SPRING TERM	
English B.....	4	English B.....	4
English C.....	4	English C.....	4
Primary Latin.....	5	Primary Latin.....	5
Cæsar .....	5	Cæsar .....	5
Cicero .....	5	Virgil .....	5
Algebra B.....	5	Algebra B.....	5
Plane Geometry.....	5	Plane Geometry.....	5
Ancient History.....	4	Ancient History.....	4
Bookkeeping (Elective)....	3		

### English

B. The Principles of English composition governing punctuation, the use of words, sentences, and paragraphs should be thoroughly mastered. Abundant practice in oral and written composition comprising letter-writing, narration, description, easy exposition and argument extend throughout the year. Correct spelling and grammatical accuracy rigorously demanded. Frequent grammar reviews are given. Study of easy masterpieces from American literature.

C. The third year in English prepares for entrance to the Freshman class in college. For the year 1916-1917 the following will be required:

FOR STUDY. — Shakespeare's *Macbeth*; Milton's *L'Allegro*, *Il Penseroso*, *Comus*, *Lycidas*, and some of his *Sonnets*; Scott's *Lady of the Lake*; Arnold's *Sohrab and Rustum*; Carlyle's *Essay on Burns*.

FOR READING.—Two must be selected from each group.

I. *Genesis*, *Exodus*, *Joshua*, *Judges*, *Samuel*, *Kings*, *Daniel*, *Ruth*, *Esther*; Homer's *Iliad*; Virgil's *Æneid*.

II. *Merchant of Venice*; *As You Like It*; *Twelfth Night*; *Henry V*; *Julius Cæsar*; *Midsummer Night's Dream*.

III. *Robinson Crusoe*; *Vicar of Wakefield*; *Ivanhoe*; *House of Seven Gables*; *David Copperfield*; *Silas Marner*; *Treasure Island*; *Cranford*.

IV. *Pilgrim's Progress*; *Franklin's Autobiography*; *Parkman's Oregon Trail*; *Stevenson's Inland Voyage and Travels with a Donkey*; *Sir Roger de Coverley Papers*; *Macaulay's Essay on Warren Hastings*; *Irving's Sketch Book*.

V. *Gray's Elegy* and *Goldsmith's Deserted Village*; *Coleridge's Ancient Mariner* and *Lowell's Vision of Sir Launfal*; *Scott's Lay of the Last Minstrel*; all of *Wordsworth*, *Shelley*, and *Keats* in *Palgrave's Golden Treasury*; *Longfellow's Miles Standish* and *Whittier's Snowbound*; *Tennyson's Gareth and Lynette*, *Lancelot and Elaine*, and *Passing of Arthur*; *Byron's Childe Harold*, *Canto IV*, and *Prisoner of Chillon*.

## Latin

Three years in Latin are given in the Preparatory School.

I. PRIMARY LATIN.—This a a five-hour course throughout the first year and embraces all the essentials preparatory to a study of higher Latin.

II. CÆSAR'S GALRIC WAR AND LATIN COMPOSITION.—This course extends through the second year, embracing four books, I-IV. Composition weekly. An effort is made to develop a ready reading knowledge of Latin. Attention is given to pronunciation, word-forms, case-syntax, moods, tenses, and indirect discourse. Military matters and the geography of the texts are emphasized. Five hours a week.

III. CICERO AND COMPOSITION.—This course embraces the four Orations against Catiline. Composition weekly. Thorough grounding in prose construction is aimed at on the linguistic side. Oratorical style, historical and biographical setting are considered.

IV. VIRGIL AND COMPOSITION.—This course embraces four books of Virgil. Composition weekly. Thorough drill in syntax, poetic peculiarities, and prosody are aimed at.

## History

One year of History is required of all preparatory students. This is a course in Ancient History, including Oriental, Greek and Roman.

## Mathematics

ALGEBRA B.—Involution and evolution, exponents, radicals, quadratic equations, equations in the quad-



ratic form, ratio and proportion, variation, and progressions. Five hours throughout the year.

*Text.*—Durell and Robins' School Algebra Complete.

PLANE GEOMETRY.—Prerequisite, Algebra A and B. Five books and numerous original exercises taken from other sources. Five hours throughout the year.

*Text.*—Wells' New Plane and Solid Geometry.

## The Museum

The Cabinet of Natural History Specimens is one of the most interesting features of the institution. The collection has been formed more especially with reference to giving assistance in class room work than to making a display of peculiar relics. It is a working cabinet rather than a collection of curiosities. We find it indispensable as a means of furnishing examples and illustrations for the various branches of natural history.

Among the most valuable specimens may be mentioned:

The collection of minerals containing more than two hundred varieties.

Specimens of limestone, including stalactites, stalagmites, and other formations from the Mammoth, Luray, and Wyandot Caves.

A number of rocks, representing igneous, metamorphic, stratified, and glaciated specimens.

A collection of fossils, numbering several hundred, giving a good idea of both animal and vegetable life in the Paleozoic, Mesozoic, and Cenozoic eras.

Volcanic Specimens.—The best of which are from the Sandwich Islands and Mount Vesuvius.

Corals.—More than one hundred specimens from the islands of the Pacific and Florida.

Shells.—Comprising more than one hundred and fifty land and water species.

Marine Animals.—Consisting of fishes, star-fishes, sea urchins, crabs, etc.

Archaeological Specimens.—More than one thousand in number.

A collection of casts of prehistoric implements, numbering over one hundred specimens, a donation from the Smithsonian Institute. The collection illustrates the development of man through the stone, polished stone, and bronze ages.

Mounted Animals.—One hundred and seventy-five mounted birds and animals. Among them are eleven species of hawks and owls, thirteen species of wild duck taken in North Carolina, a pair of wild turkeys, a buffalo head, a large beaver, a wild cat, two minks, an alligator, and other animals. Also one hundred skins of birds and mammals used in class work.

In collecting for the cabinet great care has been taken to obtain such specimens as will aid in the study of zoology and kindred subjects.

Our cabinet contains more than two hundred varieties of birds' eggs, numbering over 1,200 individuals. This collection includes not only the eggs of our North American birds, but the most prominent orders of South America, Europe, Asia, and Africa. The eggs of the guillimots from the Faroe Islands, and the gulls and auks of Labrador and Iceland, are perhaps the most rare. There are also eggs of more than thirty specimens of raptores from the United States, Canada, Mexico, Europe, and Asia.

The ostrich eggs from Africa and the penguin from South America are the most valuable.

We would take this occasion to request any friends of the College, who have material to spare for a cabinet, to donate or deposit it. In either case they will be duly credited, and the specimens will be well cared for and freely used in different departments.

## COLLEGE ORGANIZATIONS

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### **Literary Societies**

The Henry Clay and Websterian are composed of young men, and the Philomathean and the Zatasian of the young women. These societies afford an opportunity for the development of the power of extemporaneous speaking, for training in parliamentary rules, and general culture. The efforts which have been made for improvement during the year are worthy of praise.

### **Religious Purpose**

While under the control of the denomination of Friends, Guilford College is non-sectarian. In accordance with the purpose of the founders, the religious life of the institution has ever been fostered with earnest solicitude, and its religious influence has been positive and in harmony with evangelical Christianity.

Aside from Christian character, no amount of intellectual training can prepare young men and women for usefulness in life. The college, therefore, regards it of the utmost importance that a positive, healthy, religious life be maintained.

Each school day is entered upon with devotional exercises, in which, by reading from the Bible or other suitable works, or by brief talks and such other exercises as seem most appropriate, special effort is made to promote holiness of life.

All students are required to attend the regular meetings for worship held once a week. Prayer meetings are held each week.



**The Y. M. C. A. and Y. W. C. A.**

The Young Men's Christian Association, and also the Young Women's, have a large active membership, and exercise a strong and wholesome religious influence. These associations conduct Bible classes, missionary study classes and hold religious meetings; all of which are helpful in maintaining an active religious interest throughout the student body.

**Science Club**

The Joseph Moore Science Club was organized a few years ago to offer opportunity to students and members of the faculty who wish to do special work in science. Meetings are held every two weeks, at which lectures are given or discussions held on important phases of modern science.

**Literary Club**

For the purpose of stimulating interest in literary matters outside the curriculum proper, there is an organization known as the Guilford College Literary Club, which meets every second week during the school year. The meetings are informal, and are participated in by both students and members of the faculty.

**Seminar**

The Biblical Seminar is an organization of young men, who hold bi-weekly meetings and devote themselves to discussion of topics relating to the work of the Christian ministry.

**Athletics**

The Athletic Association is an organization whose purpose is to have oversight of the athletic interests of

the college, embracing all the forms of physical culture maintained at the college, as baseball, basketball, lawn tennis, and track athletics.

### **Alumni**

The Alumni Association is organized with the following officers: President, W. E. Blair, '98; Vice-President, Samuel H. Hodgkin, '95; Secretary, Anna L. Davis, '13; Treasurer, John B. Woosley, '12; Registrar, Julia S. White, '91.

The purpose is to extend aid to the college in various ways.

A loan fund has been created by the Association for assisting students.

The Association has committees on Athletics, the Campus, Literary Productions, all of which, with the Executive Committee, are engaged throughout the year. The Association publishes the August Bulletin, in which reports of the year's proceedings can be found.

### **Scholarships**

Haverford and Bryn Mawr Colleges each year offer a scholarship to Guilford College. In selecting members of the Senior class to whom shall be awarded these scholarships great weight is given to rank in scholarship, but general excellence of character and promise of future usefulness in society are also taken into account and form part of the grounds upon which candidates for these scholarships are chosen.

### **Bryn Mawr**

Bryn Mawr College offers each year to the young woman of the graduating class whom the faculty shall

recommend a scholarship of the value of \$400.00. The candidate is selected according to the statement above and must have been a student at Guilford College at least two years.

### **Haverford**

Haverford College offers annually to the young man of the graduating class whom the faculty shall recommend a scholarship of \$300.00. The selection is made on the basis explained and no one will be considered eligible who has not been a student at Guilford College at least two years.

### **Bible Teachers Training School Fellowship**

The Bible Teachers Training School, of New York City, offers a Fellowship in their School of Theology, to be awarded each year upon recommendation of the faculty of Guilford College, to a member of their graduating class or to a graduate of not more than five years' standing, whose purpose is to devote his life to Christian Service.

The selection will be made on the basis of creditable scholarship, strength of character and personality, evidence of growing ability and limitation of financial resources.

The Fellowship provides board, room and tuition and \$50.00 for the student's incidental expenses. It may be held during the full course of three years. The incumbent must reside at the school, maintain a satisfactory standing in scholarship and engage in a limited amount of active Christian service under the direction of the Practical Work Department.



### **Marvin Hardin**

The Class of 1904, in memory of their esteemed member, Marvin Hardin, whose beautiful life amongst us was brought to a close in October, 1907, have endowed an annual tuition scholarship, the same to be awarded to the Sophomore making the best average in the Sophomore studies, said amount to be available in the Spring of the Senior year, and only upon the condition that the student winning the money remain at Guilford during the Junior and Senior years.

This scholarship was awarded in 1915 to Mary Ina Shamburger.

### **Prizes**

#### **Societies**

The four literary societies, the Websterian, the Henry Clay, the Philomathean, and the Zatasian, each award two prizes every year—an orator's prize and a prize for improvement. These incentives to improvement in debate and composition serve a good purpose in promoting the literary interests of the membership.

### **Freshmen**

The Class of 1905 have established a prize to be awarded each year to the member of the Freshman class who delivers the best declamation at a contest held near the close of the year.

### **Honors**

Members of the Freshman and of the Sophomore classes, pursuing a regular amount of work, whose grades do not fall below 90 per cent. in any subject, shall be entitled to "Honors."



Members of the Junior class who receive an average grade of 95 per cent. in their major work and do not receive a grade below 90 per cent. in any subject, shall be entitled to "Special Honors."

Those members of the Senior class who have received "Special Honors" in their Junior year, and whose average grade in the Senior year does not fall below 95 per cent., shall be entitled to "Highest Honors."

No honors shall be bestowed upon a student whose deportment is unsatisfactory.

### **College Paper**

The literary societies publish a weekly paper called The Guilfordian, which gives the college news and is a valuable means of keeping the alumni and old students and friends of the college posted as to what is going on at the College.

## EXPENSES

The cost of education at any school or college consists of two parts: First, the tuition and fees which can be accurately stated; and the living expenses which vary according to the wishes and habits of the student.

The following statements embrace the entire necessary cost of attendance at Guilford College except for books and stationery.

### College Department

For board, tuition, laundry and furnished room, payable in advance, as follows:

September 5 .....	\$ 52.50
November 6 .....	52.50
January 22 .....	52.50
March 23 .....	52.50

Total for the year.....\$210.00

### Preparatory Department

For board, tuition, laundry and furnished room, payable in advance, as follows:

September 5 .....	\$ 49.75
November 6 .....	49.75
January 22 .....	49.75
March 23 .....	49.75

Total for year.....\$199.00

These statements include all charges for comfortably furnished room in Archdale Hall, or on third floor of Founders Hall, two students in a room, single spring beds, one 16 c. p. electric light, heat, board, laundry, bath, use of nursery in case of sickness and tuition in all regular courses. In case of protracted illness a charge will be made for medical treatment and nursing.

Room on second floor Founders Hall, extra for  
each student, per term.....\$ 5.00

Room in Cox Hall, extra for each student, per  
term ..... 8.00

Tuition for Day Students in College Department 65.00

Payable in equal installments of \$16.25, due Sep-  
tember 5, November 6, January 22, and March 23.

Tuition for Day Students in Preparatory Depart-  
ment .....\$55.00

Payable in equal installments of \$13.75 on above  
dates.

Tuition for one study, one-half the regular fee; for  
two or more studies, full rate.

No money will be refunded to students who have  
withdrawn except in case of disabling sickness.

The foregoing statements do not include certain  
Laboratory and other fees.

Chemistry A or VI.....	\$ 3.00
Chemistry I or IV.....	5.50
Other courses in Chemistry.....	7.50
Biology .....	2.50
Astronomy .....	1.00
Surveying .....	1.00
Physics .....	5.00
Bookkeeping or Banking .....	10.00
Expression .....	3.00
Physical Culture for each Boy.....	5.00
Physical Culture for each Girl.....	2.50

### Cost of Instruction in Music

Piano, two lessons per week, per term.....	\$20.00
Vocal lessons, twice a week, per term.....	20.00
One lesson a week, in either Vocal or Piano.....	12.50
Use of Piano for practice, one period daily, per term....	2.50
Each additional period, per term.....	2.00
Certificate for graduation in Music.....	2.00

### **Club Rates for Boarding for Young Men**

To meet the demands for less expensive living while gaining an education arrangements have been made by which young men can board at a minimum expense. A dining hall and kitchen have been prepared for this purpose and extra cottages for dormitories. These rooms are furnished with stoves, bedsteads, mattresses, chairs, table and electric lights.

The charge is \$15.00 per term for each student, and this fee covers room rent, and wages of a cook in charge of dining room and kitchen, fuel, lights, and use of bath. Each boy must keep his room in good condition. By special arrangements with the management of the club, provisions may be furnished from home and their market value received in credit. The cost of this method of boarding is pro-rated and the average for this year has been about \$7.00 per month. This must be paid in advance each month.

Students who board in this way live well and have the same advantages and privileges about the college and are under the same regulations as those who board in the college.

If young men wish to board in the club and room in Archdale Hall, where better accommodations are furnished, the charge for room rent, laundry and cooking will be \$25.00 per term for each student instead of \$15.00.

### **New Garden Hall for Young Ladies**

This hall will accommodate forty-eight girls and is a most excellent hall of residence. Girls are admitted here on the following terms: Each girl agrees to per-



form her allotted part of the household duties and pay to the treasurer of the College \$12.00 per term for room rent, and to the matron of New Garden Hall the actual cost of board in advance. By special arrangements provisions may be furnished at market prices. In this way the past year the board has been furnished for \$5.00 per month for each girl. Girls in this hall may do their own laundry work. If this work is sent to the college laundry, the cost will be \$10.00 per year.

### **Payment of Bills**

Students, when they enter at mid-term, will be charged from the time of entering until the close of the term, except by special arrangement. In case a student is absent from college on account of protracted sickness of ten days or more a pro rata part of the money paid will be refunded on presentation of a physician's certificate that he is not able to return. If a student should leave the institution for any other cause or be expelled or suspended, he will forfeit the money advanced.

All communications relating to financial matters should be addressed to the Treasurer, George W. White.

### **Items for Particular Notice**

Students may elect to room alone. When this is possible, it will be allowed, but the charges will be \$10.00 extra per term.

All extra charges and fees are due at the time of the first payment of each term.

Young men who room in Cox Hall must take their meals at Founders Hall.

By special permission students of mature years may board and room outside the College buildings, but such permission gives them no exemption from the regular study hours, attendance at chapel, church services, Bible classes and lectures.

Students arranging for rooms and board are not allowed to change without consent of the President.

Students come under the college regulations on their arrival on the campus, and must register and settle with the Treasurer at the earliest possible moment.

In order to have an open account for books each student must make a deposit of \$5.00 with the Treasurer. Stationery must be paid for in cash.

Boarders furnish pillows, linen and all covering for their beds, also soap, towels, and table napkins.

The matron has general oversight of all the household arrangements in all the dormitories, and much care is taken to look after the health and comfort of the students, but each occupant is held responsible for the condition of his room.

When a student registers in the College he thereby takes a pledge to obey willingly and faithfully all the rules and regulations of the College.

Each boarder is allowed three meals each term free for his visiting friends.

Every article of clothing should be plainly marked with the full name of the owner in a permanent form.

Students are met at Guilford College station, on railroad leading from Greensboro to Winston-Salem, at

the opening of each term, and conveyed to the college. For conveyance to and from the station, a moderate charge will be made to students, teachers, or visitors.

In order to secure safe and prompt delivery, express packages or postoffice money orders for students should be sent in care of Guilford College.

Telegraph and express offices are established at Guilford College railroad station.

The College has telephone connection with Greensboro and other points on the long distance line.

All students sustain a great loss who are not present at the opening of the term.

Applications for leave of absence or for removal from College should be made by the parent or guardian directly to the President.

While the management of the College will cordially provide for and encourage every kind of physical training, intercollegiate contests when permitted will be subject to such rules and regulations as the Advisory Board of Athletics may provide.

### **Discipline**

It is the aim of Guilford College to help young people toward higher ideals of character. But the College cannot undertake the task of a reform school, and jeopardize its earnest students by the presence of some with depraved minds and harmful habits. Those who are unwilling to comply cheerfully with reasonable requirements need not apply for admission, for, if admitted, they will be promptly disciplined upon showing a rebellious attitude toward the rules of the College.



It is understood that when students enter the College they do so for the purpose of persistent work, and that they will render due respect to the regulations, all of which are intended to promote the general welfare of the College and to give to each person on the campus free opportunity to use all the advantages offered. We want to create and foster such an atmosphere so that it will be hard to do wrong rather than hard to do right. Any conduct on the part of any student harmful to the moral tone of the College will render such student liable to dismissal. Parents may be asked at any time to withdraw students whose work is unsatisfactory or whose conduct is out of harmony with the College.

Occupants are held responsible for disorders occurring in their rooms, and any misappropriation, damage or defacement of furniture or buildings, beyond necessary wear and tear, will be charged to the Athletic Association Contingent Fund unless settled by the person doing the damage as required.

The reading of pernicious literature, the use of intoxicating drinks, habitual indulgence in profane language, carrying pistols, or other dangerous weapons, would be considered grave offenses and treated accordingly. Gunning is not allowed.

The effect of tobacco on the minds and bodies of the young is so injurious that the College takes all proper means to discourage its use, and will not allow it on the grounds or around the buildings. If any students persist in using it elsewhere, their standing will thereby be lowered and so entered on their records.



## STUDENTS

### Seniors

Ballinger, Julia Adaline.....	Greensboro, N. C.
Blaylock, Frederick Royster.....	Guilford, N. C.
Budd, Harrell .. .	Siler City, N. C.
Coble, Josephine Vestal.....	Liberty, N. C.
Coggins, Willis Lester.....	Guilford College, N. C.
Davis, Laura Etta.....	Progress, N. C.
Guthrie, Bessie Ava.....	Snow Camp, N. C.
Hinshaw, Clifford Reginald.....	Randleman, N. C.
Lambeth, Charles Tilley.....	Guilford College, N. C.
Lassiter, Floy Catherine.....	Fallston, N. C.
Mason, Milton Percy.....	New York, N. Y.
Mitchell, Colonel Robert.....	Guilford College, N. C.
Morris, Fred Helsabeck.....	Kernersville, N. C.
Perry, Thomas Gray.....	Wilkesboro, N. C.
Riddick, Archibald Lockhart.....	High Point, N. C.
Semans, Thomas Breckenridge.....	Uniontown, Pa.
Short, Troy Rodolphus.....	Greensboro, N. C.
Worth, Phoebe Gertrude.....	Guilford College, N. C.
Yates, Caroline Ballinger.....	Guilford, N. C.
Yates, James Fuller, Jr.....	Guilford, N. C.

### Juniors

Armstrong, Hazel Graham.....	Hobgood, N. C.
Beeson, John Henry.....	Randleman, N. C.
Briggs, Isla Evelyn.....	High Point, N. C.
Carroll, Edwin Blaine.....	Mizpah, N. C.
Coble, Lovella Ruth.....	Guilford College, N. C.
Fox, Eleanor Louise.....	Guilford College, N. C.
Garner, Jesse Philip.....	Hills Store, N. C.
Gray, Lillene Oma.....	High Point, N. C.
Harding, Ruth.....	Mocksville, N. C.
Hollowell, John W.....	Columbia, S. C.
Jones, John Benbow.....	Winston-Salem, N. C.
Lassiter, Maude Elizabeth.....	Mechanic, N. C.
Lewis, Callie Agnes.....	Winston-Salem, N. C.
McGehee, Sallie Rachel.....	Jamestown, N. C.

Mendenhall, Fowell Hill.....	High Point, N. C.
Moore, Ezra Alexander.....	Dudley, N. C.
Newlin, Rhesa Lancaster.....	Saxapahaw, N. C.
Shamburger, Mary Ina.....	Star, N. C.
Speas, Ethel Maie.....	Winston-Salem, N. C.
Stanley, Jesse Betts.....	Guilford College, N. C.
Stuart, Lyndon Everett.....	Snow Camp, N. C.
Taylor, Grace Pemberton.....	Danbury, N. C.
Thayer, Robert Wingate.....	Trinity, N. C.

### Sophomores

Brown, Deborah Mary.....	Woodland, N. C.
Clegg, Agnes Marie.....	Guilford College, N. C.
Cox, Myrtle Roella.....	Climax, N. C.
Fort, Elbert William.....	Fork, S. C.
Grissom, Lawrence.....	Greensboro, N. C.
Hinkle, Paul.....	Lexington, N. C.
Hinshaw, Ira.....	Randleman, N. C.
Hobbs, Gertrude Mendenhall.....	Guilford College, N. C.
Jackson, David Houghton.....	Guilford, N. C.
Kiser, Roger Clinton.....	King, N. C.
Lewallen, Beatrice Guelda.....	Asheboro, N. C.
McCall, James W.....	Marion, N. C.
Miller, Wayne Jackson.....	Asheboro, N. C.
Mitchell, James Warren.....	Guilford College, N. C.
Morris, Addie Irene.....	Kernersville, N. C.
Pike, Bernice Elizabeth.....	Liberty, N. C.
Raiford, Ellen Tabitha.....	Ivor, Va.
Reddick, Joseph Gray.....	Trinity, N. C.
Redding, Charles Clifton.....	High Point, N. C.
Russell, Earl Victor.....	Guilford College, N. C.
Sapp, Oscar LeMay, Jr.....	Greensboro, N. C.
Smith, Anderson Jones.....	Black Creek, N. C.
Smith, Raymond Alexander.....	Cooleemee, N. C.
Smith, Samuel Clement.....	Guilford College, N. C.
Stanley, Leah Ellen.....	Guilford College, N. C.
Stanley, Ruth Rebecca.....	Guilford College, N. C.
Valentine, Itimous Thaddeus.....	Spring Hope, N. C.
White, Ellen Mildred.....	High Point, N. C.

**Freshmen**

Bird, Georgianna Marie.....	Thomasville, N. C.
Blair, Clara.....	High Point, N. C.
Braswell, Harold.....	Whitakers, N. C.
Blaylock, Evelyn.....	Guilford, N. C.
Byerly, Wesley Grimes.....	Cooleemee, N. C.
Byrd, Robert Bryant.....	Summerfield, N. C.
Cameron, Daniel David Shields.....	Southern Pines, N. C.
Clodfelter, Vira Viola.....	Thomasville, N. C.
Coltrane, Ruth.....	Sophia, N. C.
Cronk, Gertrude Darden.....	Pickering, Ontario, Canada
Crutchfield, Hattie Eugenia.....	Guilford, N. C.
Edgerton, Emmett C.....	Mount Airy, N. C.
Faucette, Dorothy.....	Burlington, N. C.
Frazier, Robert.....	Greensboro, N. C.
Fulk, Arthur Percy.....	Pilot Mountain, N. C.
Grantham, Eleanor.....	Guilford College, N. C.
Groome, Robert Gladstone.....	Greensboro, N. C.
Hayworth, Vivian McGee.....	Greensboro, N. C.
Hockett, Eula Eugenia.....	Pleasant Garden, N. C.
Hockett, Mary Leacy.....	Pleasant Garden, N. C.
Hollowell, William E.....	Columbia, S. C.
Hussey, William Wade.....	Asheboro, N. C.
Johnson, Harry Lester.....	Siler City, N. C.
Jones, Asbury Crouse.....	Winston-Salem, N. C.
Lindley, Mary Alta.....	Snow Camp, N. C.
Loflin, Robert Alonzo.....	High Point, N. C.
McConnell, Hattie Ella.....	Derita, N. C.
McGee, Curtis.....	Germanton, N. C.
McKoin, Charles Clayton.....	Kernersville, N. C.
McNairy, James Luther.....	Greensboro, N. C.
Macon, Clarence Monroe.....	Climax, N. C.
Masten, Guy Milton.....	Winston-Salem, N. C.
Mendenhall, Paul A.....	Monroe, N. C.
Patterson, Hobart McKinley.....	Burlington, N. C.
Presnell, Ollie Lee.....	Asheboro, N. C.
Raper, William Cletus.....	Welcome, N. C.
Richardson, Emmett Westley.....	Glenwood, N. C.
Shelton, Charles Burton.....	Pilot Mountain, N. C.



Smith, Dalton E.....	Trinity, N. C.
Stone, Amy Gertrude.....	Thomasville, N. C.
Stout, Connie Jarrel.....	Greensboro, N. C.
Sullivan, Etta Lea.....	High Point, N. C.
Sutton, Chester McKinley.....	Summerfield, N. C.
Thompson, Alice Jane.....	Denton, N. C.
Townsend, Folger Lafayette.....	Greensboro, N. C.
Tremain, Lindley Ernest.....	Brown Summit, N. C.
Tremain, Rawleigh Lewis.....	Brown Summitt, N. C.
Ward, Claude Marvin.....	Pomona, N. C.
Way, John Hocutt.....	Ramseur, N. C.
White, David Jordan.....	Belvidere, N. C.
White, John Gurney.....	Guilford College, N. C.
White, Joseph Dixon.....	Guilford College, N. C.
White, Sherley.....	Germanton, N. C.
Williard, Hervie Nicola.....	High Point, N. C.
Williams, Earle J.....	Snow Camp, N. C.
Worth, Herbert.....	Salisbury, N. C.
Yow, Ralph Johnson.....	Greensboro, N. C.

### Irregulars

Berry, Lemuel Covington.....	Cheraw, S. C.
Copeland, Mary Ella.....	Woodland, N. C.
Fitzgerald, Paul Vincent.....	Pelham, N. C.
Futrell, William Reed.....	Greensboro, N. C.
Outland, Pauline.....	Woodland, N. C.
Richardson, Sara.....	High Point, N. C.
Ward, Cletus Milo.....	Guilford College, N. C.

### Preparatory

Allred, Robert Hall.....	Greensboro, N. C.
Anderson, Mamie Lydia.....	Guilford, N. C.
Anderson, Thomas.....	Denton, N. C.
Andrew, Euna Maie.....	Staley, N. C.
Armstrong, Edward Lander.....	High Point, N. C.
Armstrong, Frank, Jr.....	Hobgood, N. C.
Beeson, Edna Jane.....	Randleman, N. C.
Bodenhamer, George Lile.....	Kernersville, N. C.
Bondurant, Roy Seul.....	Guilford College, N. C.
Budd, Dancy.....	Siler City, N. C.



Burgess, Troy L.....	Rich Square, N. C.
Burke, Grace.....	Goldston, N. C.
Burke, Tama.....	Goldston, N. C.
Burrus, Grady.....	Moorestown, N. C.
Butt, Jesse Robason.....	Bonnerton, N. C.
Byerly, Frances May.....	Advance, N. C.
Carroll, Charles R.....	Mizpah, N. C.
Carroll, Robert Andrew.....	Reidsville, N. C.
Cecil, William Evan.....	High Point, N. C.
Clark, William Clarence.....	Chapel Hill, N. C.
Clegg, Elsie May.....	Guilford College, N. C.
Cobb, Lloyd.....	Reidsville, N. C.
Conner, Andrew J., Jr.....	Rich Square, N. C.
Copeland, Thomas J., Jr.....	Baltimore, Md.
Cox, Jessie Lee.....	Pisgah, N. C.
Cox, Mary Julia.....	Dudley, N. C.
Cranford, Beulah Carse.....	Climax, N. C.
Davis, Sarah May.....	Edgar, N. C.
Davis, Ralph Lee.....	Greensboro, N. C.
Dodson, James Eugene.....	Walnut Cove, N. C.
Doughton, Joseph Edward.....	Guilford College, N. C.
English, Dewey.....	Monroe, N. C.
Ewing, Walter Clyde.....	Candor, N. C.
Finch, Clyde L.....	Henderson, N. C.
Freeman, Ray Floyd.....	Steeds, N. C.
Freeman, Tracy Roy.....	Steeds, N. C.
Geslain, Martha Marguerite.....	Tientsin, China
Godwin, Edward.....	Goldston, N. C.
Gonzales, Alberto.....	Carnedas, Cuba
Groome, Ethel Alice.....	Greensboro, N. C.
Groome, Zack Milton.....	Greensboro, N. C.
Highfill, Nannie Fern.....	Efland, N. C.
Hinshaw, Clara M.....	Ramseur, N. C.
Henley, Charles Alfred.....	Taylorsville, N. C.
Holton, Emelyn Graves.....	Winston-Salem, N. C.
Lindley, Genevieve.....	Snow Camp, N. C.
Lloyd, William Graham.....	Saxapahaw, N. C.
McCrary, Edmund.....	Lexington, N. C.
McMahan, Margaret Mitchell.....	Mocksville, N. C.

Moore, Frances Willard.....	Dudley, N. C.
Moore, Hugh Watson.....	Dudley, N. C.
Morris, John De.....	Roxboro, N. C.
Motsinger, Eulalia.....	Winston-Salem, N. C.
Neece, Vanner Emma.....	Climax, N. C.
Newlin, Clarice.....	High Point, N. C.
Noble, Verna .....	Deep Run, N. C.
Overman, Guy.....	Goldsboro, N. C.
Pickett, Herman Newton.....	Greensboro, N. C.
Prince, Annie May.....	Goldsboro, N. C.
Robbins, Annie May.....	Guilford College, N. C.
Royall, George Edwin.....	Elkin, N. C.
Semans, Francis Marion, III.....	Uniontown, Pa.
Shannohouse, Thomas Gordon.....	Durants Neck, N. C.
Smith, Troy.....	Thomasville, N. C.
Smithdeal, Glen Alexander.....	Advance, N. C.
Stamey, Wilbur Bryan.....	Roaring River, N. C.
Stafford, Ida Maie.....	Oak Ridge, N. C.
Sumner, George Herbert.....	Franklinville, N. C.
Thompson, Ralph H.....	Rich Square, N. C.
Vickrey, Elsie.....	Jamestown, N. C.
Walser, Zeb Vance, Jr.....	Lexington, N. C.
Walters, LaVerna.....	Siler City, N. C.
Warren, Charles .....	Dunn, N. C.
White, Kathryn .....	Greensboro, N. C.
Whitehead, Dewey Esau.....	Ramseur, N. C.
Williams, John Cephas.....	Troy, N. C.
Wright, Annie Meade.....	Greensboro, N. C.
Zachary, Jonathan Thompson.....	Snow Camp, N. C.

### Music

Andrew, Euna Maie.....	Staley, N. C.
Blair, Clara .....	High Point, N. C.
Bondurant, Annie.....	Guilford College, N. C.
Briggs, Isla Evelyn.....	High Point, N. C.
Coble, Josephine Vestal.....	Liberty, N. C.
Coggins, Etta Lois.....	Guilford College, N. C.
Coggins, Leona Maie.....	Guilford College, N. C.
Cox, Mary Julia.....	Dudley, N. C.

Crutchfield, Hattie Eugenia.....	Guilford, N. C.
Fort, Elbert William.....	Fork, S. C.
Frazier, Gracette.....	Guilford College, N. C.
Geslain, Martha Marguerite.....	Tientsin, China
Highsmith, Annie . . . . .	Fayetteville, N. C.
Hinshaw, Clara M.....	Ramseur, N. C.
Holton, Emelyn Graves.....	Winston-Salem, N. C.
Huffines, Mary.....	Guilford College, N. C.
McCracken, Clara.....	Guilford College, N. C.
McCracken, Frances.....	Guilford College, N. C.
McMahan, Margaret Mitchell.....	Mocksville, N. C.
Mitchell, Colonel Robert.....	Guilford College, N. C.
Neece, Vanner Emma.....	Climax, N. C.
Noble, Verna.....	Deep Run, N. C.
Prince, Annie May.....	Goldsboro, N. C.
Redding, Charles Clifton.....	High Point, N. C.
Richardson, Sara.....	High Point, N. C.
Robbins, Annie May.....	Guilford College, N. C.
Robbins, Elizabeth.....	Guilford College, N. C.
Russell, Bertha.....	Guilford College, N. C.
Speas, Ethel Maie.....	Winston-Salem, N. C.
Stafford, Ida Maie.....	Oak Ridge, N. C.
Stone, Amy Gertrude.....	Thomasville, N. C.
Summers, Frances.....	Greensboro, N. C.
Taylor, Grace Pemberton.....	Danbury, N. C.
Walters, LaVerna.....	Siler City, N. C.
Wright, Annie Meade.....	Greensboro, N. C.
Yates, Caroline Ballinger.....	Guilford, N. C.

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Vol. X

APRIL, 1917

No. 1

# Guilford College Bulletin



## CATALOGUE NUMBER

PUBLISHED QUARTERLY BY GUILFORD COLLEGE  
GUILFORD COLLEGE, N. C.

Entered at Guilford College, N. C., as second class matter, under Act of  
Congress of July 16, 1894.







# GUILFORD COLLEGE BULLETIN

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CATALOGUE NUMBER  
1916-1917

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PUBLISHED QUARTERLY BY GUILFORD COLLEGE  
GUILFORD COLLEGE, N. C.

1917							1918													
JULY							JANUARY							JULY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
1	2	3	4	5	6	7	..	..	1	2	3	4	5	..	1	2	3	4	5	6
8	9	10	11	12	13	14	6	7	8	9	10	11	12	7	8	9	10	11	12	13
15	16	17	18	19	20	21	13	14	15	16	17	18	19	14	15	16	17	18	19	20
22	23	24	25	26	27	28	20	21	22	23	24	25	26	21	22	23	24	25	26	27
29	30	31	..	..	..	..	27	28	29	30	31	..	..	28	29	30	31	..	..	..
AUGUST							FEBRUARY							AUGUST						
..	..	..	1	2	3	4	..	..	..	..	..	1	2	..	..	..	..	1	2	3
5	6	7	8	9	10	11	3	4	5	6	7	8	9	4	5	6	7	8	9	10
12	13	14	15	16	17	18	10	11	12	13	14	15	16	11	12	13	14	15	16	17
19	20	21	22	23	24	25	17	18	19	20	21	22	23	18	19	20	21	22	23	24
26	27	28	29	30	31	..	24	25	26	27	28	..	..	25	26	27	28	29	30	31
SEPTEMBER							MARCH							SEPTEMBER						
..	..	..	..	..	..	1	..	..	..	..	..	1	2	1	2	3	4	5	6	7
2	3	4	5	6	7	8	3	4	5	6	7	8	9	8	9	10	11	12	13	14
9	10	11	12	13	14	15	10	11	12	13	14	15	16	15	16	17	18	19	20	21
16	17	18	19	20	21	22	17	18	19	20	21	22	23	22	23	24	25	26	27	28
23	24	25	26	27	28	29	24	25	26	27	28	29	30	29	30	..	..	..	..	..
30	..	..	..	..	..	..	31	..	..	..	..	..	..	..	..	..	..	..	..	..
OCTOBER							APRIL							OCTOBER						
..	1	2	3	4	5	6	..	1	2	3	4	5	6	..	..	1	2	3	4	5
7	8	9	10	11	12	13	7	8	9	10	11	12	13	6	7	8	9	10	11	12
14	15	16	17	18	19	20	14	15	16	17	18	19	20	13	14	15	16	17	18	19
21	22	23	24	25	26	27	21	22	23	24	25	26	27	20	21	22	23	24	25	26
28	29	30	31	..	..	..	28	29	30	..	..	..	..	27	28	29	30	31	..	..
NOVEMBER							MAY							NOVEMBER						
..	..	..	..	1	2	3	..	..	..	1	2	3	4	..	..	..	..	..	1	2
4	5	6	7	8	9	10	5	6	7	8	9	10	11	3	4	5	6	7	8	9
11	12	13	14	15	16	17	12	13	14	15	16	17	18	10	11	12	13	14	15	16
18	19	20	21	22	23	24	19	20	21	22	23	24	25	17	18	19	20	21	22	23
25	26	27	28	29	30	..	26	27	28	29	30	31	..	24	25	26	27	28	29	30
DECEMBER							JUNE							DECEMBER						
..	..	..	..	..	..	1	..	..	..	..	..	..	1	1	2	3	4	5	6	7
2	3	4	5	6	7	8	2	3	4	5	6	7	8	8	9	10	11	12	13	14
9	10	11	12	13	14	15	9	10	11	12	13	14	15	15	16	17	18	19	20	21
16	17	18	19	20	21	22	16	17	18	19	20	21	22	22	23	24	25	26	27	28
23	24	25	26	27	28	29	23	24	25	26	27	28	29	29	30	31	..	..	..	..
30	31	..	..	..	..	..	30	..	..	..	..	..	..	..	..	..	..	..	..	..

## ***Second Term, 1917—Eighteen Weeks***

January 22—Monday, Second Term Opens.  
March 24—Third Quarter Ends.  
April 9—Monday, Easter Holiday.  
April 14—Opportunity for Removing First Term Conditions.  
April 20—Friday, 8 p. m., Philomathean Oratorical Contest.  
May 5—Saturday, 8 p. m., Henry Clay Oratorical Contest.  
May 12—Saturday, 8 p. m., Zatasian Oratorical Contest.  
May 19—Saturday, 8 p. m., Websterian Oratorical Contest.  
May 25—Friday, 8 p. m., Music Recital.  
May 27—Sunday, 11 a. m., Baccalaureate Service.  
May 27—Sunday, 8 p. m.,  
    Address before the Christian Associations.  
May 29—Tuesday, Commencement.  
    Summer Vacation Fourteen Weeks.

---

## ***College Calendar, 1917-1918***

### ***Eighty-First Academic Year***

#### ***First Term, 1917—Eighteen Weeks***

September 4—Tuesday, College Opens,  
    Registration and Classification.  
September 3, 4, 5—Opportunity for Removing Deficiencies by  
    Re-examination.  
September 5—Wednesday, 8:20 a. m., Recitations Begin.  
November 3—Saturday, First Quarter Ends.  
November 29—Thursday, Thanksgiving Holiday.  
December 21—Friday, 4 p. m., Christmas Vacation Begins.  
January 3—Thursday, 9:30 a. m., Recitations Resumed.  
January 14 to 19—Monday to Saturday,  
    Mid-year Examinations.

#### ***Second Term, 1918—Eighteen Weeks***

January 21—Monday, Second Term Opens.  
March 23—Saturday, Third Quarter Ends.  
April 1—Monday, Easter Holiday.  
April 27—Saturday, 8 p. m., Websterian Oratorical Contest.  
May 4—Saturday, 8 p. m., Philomathean Oratorical Contest.  
May 11—Saturday, 8 p. m., Henry Clay Oratorical Contest.  
May 18—Saturday, 8 p. m., Zatasian Oratorical Contest.  
May 26—Sunday, 11 a. m., Baccalaureate Service.  
May 26—Sunday, 8 p. m.,  
    Address before the Christian Associations.  
May 28—Tuesday, Commencement.  
    Summer Vacation Fourteen Weeks.

## *Board of Trustees*

---

	<i>Term expires</i>
Wm. H. Worth, Greensboro, N. C. ....	1917
Henry A. White, High Point, N. C. ....	1917
J. Elwood Cox, High Point, N. C. ....	1918
Jeremiah S. Cox, Greensboro, N. C. ....	1918
C. P. Frazier, Greensboro, N. C. ....	1919
E. C. Mendenhall, High Point, N. C. ....	1919
John B. Griffin, Woodland, N. C. ....	1920
David White, Greensboro, N. C. ....	1920
J. Van Lindley, Pomona, N. C. ....	1921
Chas. F. Tomlinson, High Point, N. C. ....	1921
N. C. English, Trinity, N. C. ....	1922
Wm. T. Parker, High Point, N. C. ....	1922
J. Elwood Cox, <i>Chairman</i>	
David White, <i>Secretary</i>	

---

## *Advisory Committee*

### *Appointed by the Yearly Meeting*

---

	<i>Term expires</i>
Priscilla B. Hackney, Greensboro, N. C. ....	1917
Roxie D. White, Guilford College, N. C. ....	1917
Sandia Lindley, Pomona, N. C. ....	1917
Mary M. Petty, Greensboro, N. C. ....	1918
Gertrude W. Mendenhall, Greensboro, N. C. ....	1918
Bertha Cox, High Point, N. C. ....	1918
Mary D. Cox, High Point, N. C. ....	1919
Mary E. M. Davis, Guilford College, N. C. ....	1919
Olive W. Newlin, Guilford College, N. C. ....	1919



## *Standing Committees of the Trustees*

---

*Officers*—N. C. English, C. F. Tomlinson, C. P. Frazier.

*Literary Department*—C. F. Tomlinson, David White, H. A. White.

*Boarding Department*—C. P. Frazier, Wm. H. Worth, E. C. Mendenhall, J. Van Lindley.

*Farm*—W. T. Parker, N. C. English, E. C. Mendenhall, J. Van Lindley.

*Auditing and Finance*—J. S. Cox, H. A. White, John B. Griffin.

*Campus and Forestry*—J. Van Lindley, David White, Wm. H. Worth, E. C. Mendenhall.

*Lights, Water and Heat*—H. A. White, J. S. Cox, W. T. Parker.

*Endowment Fund*—N. C. English, Chairman; J. Elwood Cox, Treasurer; J. S. Cox, C. P. Frazier, H. A. White.

*Committee to Confer with Committee from Yearly Meeting*—J. S. Cox, N. C. English, C. P. Frazier.

## FACULTY

---

THOMAS NEWLIN, A. M., PH. M., D. D., LL. D.

Graduate Haverford College, 1885; A. M., Haverford College, 1892; President Pacific College, Oregon, 1891-1900; Vice-President Wilmington College, Ohio, 1900-1902; Dean Guilford College, 1902-1907; Ph. M., University of Chicago, 1905; President Whittier College, California, 1907-1915; D. D., University of Southern California, 1915; LL. D., Whittier College, 1915; President Guilford College, since 1915.

LEWIS LYNDON HOBBS, A. M., LL. D.

### PSYCHOLOGY AND LOGIC

A. B., Haverford College, 1876; A. M., Haverford College, 1883; LL. D., University of North Carolina and Haverford College, 1908; Principal New Garden Boarding School, 1878-1884; President Guilford College, 1888-1915; President Emeritus, since 1915.

JAMES FRANKLIN DAVIS, A. M.

### GREEK AND BIBLICAL LITERATURE

A. B., Haverford College, 1875; A. M., Haverford College, 1879; Graduate Student Johns Hopkins University in German and Greek, 1877; Student in Germanic Philology, Universities Leipzig and Strasburg, 1879-1880; Assistant Professor Haverford College, 1877-1879; Professor of Greek, Guilford College, since 1888.

H. LOUISA OSBORNE, A. B.

### LATIN AND HISTORY

A. B., Earlham College, 1887; Student State Normal of Indiana, 1887-1888; Student Chautauqua, New York, Summers 1888-1895, 1902-1904-1909; Teacher Vermilion Academy, Ill., and Bloomingdale Academy, Ind., 1888-1892; Assistant in Latin, Guilford College, since 1892.

GEORGE WILSON WHITE, A. B.\*

### MATHEMATICS

A. B., Haverford College, 1878; Principal Sunbury Academy, N. C., 1878-1880; Principal Belvidere Academy, 1880-1883; Principal New London High School, Ind., 1883-1884; Principal Central Academy, Ind., 1885-1892; Professor of Mathematics, Guilford College, 1893-1913; Assistant in Mathematics, since 1913.

---

\* Deceased.

## CLEMENT ORESTES MEREDITH, A. B., PH. D.

## LATIN

- A. B., Guilford College, 1900; A. B., Haverford College, 1901; Chautauqua, New York, Summer 1901; Principal Guilford Graded School, North Carolina, 1901-1902; Scholar in Latin, Greek and French, Johns Hopkins University, 1906-1908; Student of Classical Philology in University of Berlin, 1909-1910; American School at Rome, Spring, 1910; Ph. D., Johns Hopkins University, 1912; Professor of Latin, Guilford College, since 1902.

## JOHN BROOKS WOOSLEY, A. M.

## HISTORY AND ECONOMICS

- A. B., Guilford College, 1912; A. B., Haverford College, 1913; Teaching Fellow in History, *ibid.*, 1913-1914; A. M., *ibid.*, 1914; Professor of History and Economics, Guilford College, since 1914.

## FLORENCE ERMINIE AYER, A. B.

## FRENCH AND GERMAN

- A. B., Wellesley College, 1914; French and German, Guilford College, since 1914.

## HOWARD HAINES BRINTON, A. M.

## MATHEMATICS

- A. B., Haverford College, 1904; A. M., Haverford College, 1905; Teacher Friends School, Philadelphia, 1905-1906; Barnesville Boarding School, 1906-1908; A. M., Harvard University, 1909; Mathematical Master, Pickering College, Canada, 1909-1915; Graduate Student Columbia University, Summers 1913-1914; Professor Mathematics, Guilford College, since 1915.

## MARK BALDERSTON, A. B.

## PHYSICS

- A. B., Haverford College, 1912; Student Harvard University, 1912-1913; Instructor Lafayette College, 1913-1915; Professor of Physics, Guilford College, since 1915.

## ALMA TAYLOR EDWARDS, A. B.

## ASSISTANT IN LATIN AND MATHEMATICS

- A. B., Guilford College, 1907; Bryn Mawr College, 1907-1908; University of Virginia Summer School, 1911; Teacher of Latin and Mathematics, Chester High School, S. C., 1908-1910; Teacher of Latin and Mathematics, Pineland School for Girls, N. C., 1910-1914; Assistant in Latin and Mathematics, Guilford College, since 1914.

## JENNIE WILSON PAPWORTH, B. Mus.

- B. Mus., University of Illinois, 1909; Student of Music, Cleveland, Boston, New York; Student in Paris, Summer of 1904; Director of Music, Guilford College, 1905-1908; Teacher, Organist and Choir Director, St. Paul's Episcopal Church, E. Cleveland, 1910-1914; Teacher South End Music School, Boston, 1914-1915; Piano, Guilford College, since 1915.

## PAULINE WHITE, A. B.

## VOCAL MUSIC

- A. B., Earlham College, 1912; Public School Music Certificate University of Illinois, 1915; Vocal Music, Guilford College, since 1915.

## ELIEZER PARTINGTON, A. B.

## ENGLISH

- A. B., Earlham College, 1904; Teacher of English, Pacific College, Newberg, Oregon, 1904-1906; Teacher of English, Oakwood Seminary, 1906-1916; Principal Oakwood Seminary, 1914-1916; Summer School, Syracuse University, 1916; Professor of English, Guilford College, since 1916.

## CARLETON BAILEY EDWARDS, B. S.

## CHEMISTRY

- B. S., Earlham College, 1915; Assistant in Chemistry, Earlham College, 1915-1916; Professor of Chemistry, Guilford College, since 1916.

## WESLEY CRITZ GEORGE, A. M.

## BIOLOGY AND GEOLOGY

- A. B., University of North Carolina, 1911; Graduate Student, *ibid.*, 1911-1915; A. M., *ibid.*, 1912; Independent Investigator, U. S. Marine Laboratory, Beaufort, N. C., Summers 1913-1914; Instructor in Zoology, University of North Carolina, 1912-1916; Professor of Biology and Geology, Guilford College, since 1916.



*Officers of Administration*

---

THOMAS NEWLIN

PRESIDENT

CLEMENT ORESTES MEREDITH

DEAN

\* GEORGE W. WHITE

TREASURER

JULIA S. WHITE

LIBRARIAN

SARAH E. BENBOW

MATRON

ALMA T. EDWARDS

SECRETARY OF THE FACULTY

MAUD L. GAINES

SECRETARY TO THE PRESIDENT

R. S. DOAK

ATHLETIC COACH

---

\* Deceased.

### *Committees of the Faculty*

---

*Bulletin*—C. O. Meredith, L. L. Hobbs, Miss Ayer, W. C. George, H. H. Brinton.

*Library*—Miss Julia S. White, J. F. Davis, E. Partington, W. C. George.

*Athletics*—R. S. Doak, John B. Woosley, Mark Balderston, C. B. Edwards.

*Discipline*—John B. Woosley, Miss Osborne, L. L. Hobbs, Miss Edwards, C. O. Meredith.

*Social*—Miss Osborne, Miss Benbow, John B. Woosley, H. H. Brinton.

*Physical Culture for Girls*—Miss Pauline White, Miss Ayer, Miss Edwards.

*Credentials*—C. O. Meredith, E. Partington, Miss Edwards, H. H. Brinton, Miss Osborne.

*Debate*—John B. Woosley, E. Partington, W. C. George.

*Absences*—John B. Woosley, Miss Osborne, Miss Edwards, C. B. Edwards, Mark Balderston.

The President of the College is *ex officio* a member of all committees.

## HISTORICAL SKETCH

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### *New Garden Boarding School*

The Society of Friends was among the earliest religious bodies to organize a church in North Carolina. Their church records embrace a period of two hundred and nineteen years. In 1696-1698, John Archdale, an English Friend, was Governor of the Colony of North Carolina and South Carolina. George Fox, the founder of the Society of Friends, spent a short time in North Carolina in 1672, and was received with great favor by the colonial officials.

The appeal which the Friends made to each individual in meetings for worship and in all church responsibility naturally called for an educated membership—a true democracy. Accordingly we find among the Friends of our state early discussions of educational needs and a concern arose in the yearly meeting in 1833 for better schools. The eloquent Jeremiah Hubbard pleaded for this cause, and Nathan Hunt, of sacred memory, took the subject under his protecting care. His appeals in behalf of a central school aroused the interest of many Friends in other states, and notably of George Howland, of New Bedford, Mass. The decision was reached to found a boarding school of high grade to meet the needs of the young people. As a result the present Founders Hall was erected, a substantial, two-story brick building, offering accommodations to both boys and girls.

Thus was founded New Garden Boarding School, which was opened on the first day of August, 1837, there being present the first term fifty students—twenty-five boys and twenty-five girls—and it has been operated from that day forward with no interruption, even during the Civil War.

### *Guilford College*

After fifty-two years of New Garden Boarding School there was a demand for expansion and extension of the course of study. This led to the organization of Guilford College, which was chartered by the state in 1888, with authority to confer academic degrees upon the completion of a college course.

### *Location*

The founders of the school were careful to select a central locality, well reputed for healthfulness of climate, removed from immoral influences or distractions of any kind. A farm six and one-half miles west of Greensboro was chosen in the midst of a progressive neighborhood. The College is one mile from the railroad station, on the line from Greensboro to Winston-Salem. Here the School and College were founded in the midst of a most beautiful campus of more than thirty acres, well set in native oaks, gums and poplar trees. For nearly eighty years the institution has flourished and developed.



## *Material Equipment*

### *The Farm and Campus*

The farm consists of 300 acres which is carried on as a truck and dairy farm. It has in recent years been brought under a splendid system of cultivation, with silo and dairy barn. The fresh vegetables and the dairy products form an important part of the table supply. The farm and the dairy constitute an object lesson of great value to all students who are interested in agricultural pursuits.

Thirty acres of this three hundred are set aside for campus, and on this ten principal buildings are placed.

### *Founders Hall*

This is the oldest building in the group, and was erected in 1837, but has, in recent years, been entirely remodeled inside. The second and third floors are used as dormitory for girls; the first floor contains the matron's rooms, reception rooms, the young women's society halls, the Treasurer's office and the book store. The dining room and kitchen are also in this building.

### *Archdale Hall*

This hall was erected in 1886 and was named in memory of the Quaker Governor, John Archdale. It is used as a boys' dormitory and will comfortably accommodate forty-eight young men.

### *Y. M. C. A. Hall*

This hall was built in 1891 to accommodate the Young Men's Christian Association. Recently the interior of this building has been remodeled. The Y. M. C. A. room has been enlarged and improved; the upper floor has been made into two well equipped literary society rooms, for the Websterian and Henry Clay Societies. The building is now heated by a furnace. This work has been accomplished at a cost of more than three thousand dollars.

### *Memorial Hall*

Benjamin N. and James B. Duke, who were educated at New Garden Boarding School, gave ten thousand dollars with which to erect a hall to accommodate the Science departments and also supply an auditorium. This building was erected in 1897 and named Memorial Hall, in memory of their sister, Mary Elizabeth Lyon. The president's office is in this building.

### *New Garden Hall*

This building was erected in 1907 by the Girls' Aid Committee of North Carolina Yearly Meeting to meet the needs of the girls who desire an education, and who are willing to help themselves by doing their own work and thus lessening their expenses. The hall has every convenience of a modern home. It has rooms for forty-eight girls, besides a reception room and living rooms for the matron.

*The Library*

This building was erected in 1909 with the aid of a donation by Andrew Carnegie. This building is modern in all its appointments, having a fire-proof stack room, with steel shelving, and a large vault in which are stored many valuable manuscripts of North Carolina Quaker annals. The reading room is large and well lighted and is an ideal place for study and research.

The Library was destroyed by fire in 1908, only about one thousand volumes being saved. The primary object in restocking the Library has been use, hence our facilities for reference and research work are especially worthy of comment. The Library is intended to be, and is well fitted to be, the workshop of the College, the center of the intellectual life of the College.

There are now over ten thousand volumes in the Library and these are free daily to students and persons connected with the College. A large donation has come recently, consisting of the entire library of Anna Yarnall, of Philadelphia. The reading room is well supplied with the state papers, and the best of the great magazines and periodicals representing general literature and the special departments.

*King Hall*

The present King Hall is the third building so named, the two former having been destroyed by fire. The building as now constructed contains eight large

class rooms, and the Physics Laboratory. This building is only the rear extension of the proposed King Hall.

### *Cox Hall*

This is a dormitory for young men, built in 1912 in three sections, furnishing ideal accommodations for fifty-four students. There is a bath room for each group of four rooms and hot and cold water in each room.

### *The Church*

This church was erected in 1912 as a Yearly Meeting House, but it also serves for the regular religious meetings of the College community.

### *The Gymnasium*

Among the most used buildings is the gymnasium for physical culture for both boys and girls. The floor space is 50x76 feet, with two galleries. This is a wooden building, all the others being brick.

These ten buildings, together with the electric light and heating plant, and also a number of residences and cottages on the campus, constitute our building equipment.

### *The Laboratories*

The Chemical Laboratory occupies one large desk room and a recitation room. This laboratory is well equipped for chemical work, both in material and



apparatus, and students have a good chance here to get a thorough foundation in this science. Situated in Memorial Hall.

The Biological Laboratory and lecture room adjacent are well lighted, with desks and lockers for twenty-one students working at the same time. There is also a private laboratory for the professor. The apparatus consists of microscopes and appliances, physiological apparatus, bacteriological apparatus and much material. This laboratory is in Memorial Hall.

The Physics laboratory is situated in King Hall and is well supplied with apparatus and material for full courses in Physics.

### *Endowment*

The encouragement to make still greater provision for the future which has been received from a wide circle of friends and philanthropists, has led to more earnest efforts to increase the efficiency of the College by adding to the permanent funds. From an early period the school has had assistance in a financial way; but in more recent years the donations to the endowment have been greatly augmented.

In 1905, an appeal was made to Andrew Carnegie and he responded by giving \$45,000 to be used as a permanent fund. The same year Dr. D. K. Pearsons gave to the College \$25,000 as an endowment to stand for the memory of his friend, Dr. Oliver Woodson Nixon, of Chicago, who was a native of Guilford County, North Carolina. The same year, also, Benjamin N. and James B. Duke gave \$15,000 to the endowment, making their total donations to Guilford

\$25,000. Among the benefactors is Samuel Hill, who gave \$5,000 in memory of his father, Nathan B. Hill, and \$6,000 subsequently for improvements in buildings and grounds. Dr. Alfred H. Lindley, of Minneapolis, created a fund of \$5,000 to the memory of his daughter, Ella Lindley. In 1904-1905 a fund of \$12,000 was established to the memory of Harriet Green, an English Friend who labored much in the Gospel among the Friends of America. The Francis White Fund of \$5,000 is in memory of Francis White, who, in his lifetime, gave assistance and great encouragement to the work of education in North Carolina.

The Jonathan E. Cox Fund of \$3,000 was established by his son, J. Elwood Cox—endowment.

The Marvin Hardin Fund of \$1,300 was established in memory of Marvin Hardin by the Class of 1904—a scholarship fund.

The William Johnson Fund of \$1,500—a scholarship fund.

The Richardson Fund of \$2,758, by will of Joseph S. Richardson—a scholarship fund.

The Fowell B. Hill Fund of \$1,000, by will of Fowell B. Hill—endowment.

The Ezra Murray Meader Fund of \$1,000, by will of Elizabeth Meader White—for mathematical department.

The Francis T. King Fund of \$5,000, by will of Francis T. King—for care of buildings and campus.

The Wells Fund of \$1,000—scholarship fund.

The Doctor Dicia Baker Fund of \$5,000, by will of Dr. Dicia Baker—for Girls' Aid Committee of North Carolina Yearly Meeting.

The Susanna Osborne Memorial Fund of \$500—for Girls' Aid Committee of North Carolina Yearly Meeting.

The total sum of permanent funds—those named above, and others—is \$181,392.90. The value of material equipment, including buildings, furniture, apparatus, and farm with its outfit, is \$210,650.

### *Summary of Equipment*

These ten buildings, planned and equipped with much care and expense, provide excellent means for conducting the work of the College; and attention is called to them as an indication of the growth of the College, as well as its promise of continuance of good solid educational work.

For young men, we have two dormitories, and also the cottages for those who desire to lessen living expenses; and for girls, Founders Hall and New Garden. Founders has recently been renewed entirely, except the walls and roof, and made a comfortable, up-to-date home for young women, the expense for which, including heat, has been nearly as great as would be required to erect a new building. New Garden was well planned from the start, and combines many attractive features as well as the conveniences of a modern dormitory.

For academic work, we have Memorial Hall, containing two laboratories—the chemical and biological—the Museum of Natural History, auditorium, music rooms, two class rooms and the president's office, and



the two buildings, the Library and King Hall, which afford good facilities for instruction and study.

To any one who will take time to think about it, the large outlay here represented will reveal a fine equipment for doing good work in the field of education; and these buildings will also show a remarkable expansion and a corresponding improvement made at Guilford College in recent years.

One should also take into consideration the location of these buildings, the large farm owned by the College and the athletic fields, especially the recent work done on the baseball grounds, the making of a running track and the leveling of the inclosed circle to be used as a baseball field; and also the work done recently for the girls' athletic grounds, in the way of leveling and terracing their field west of New Garden Hall. Much more work is to be done in laying out tennis courts for the girls and in leveling the grounds and putting the same in grass, especially the terracing.

The electric plant and system of water supply give the place the conveniences of a city with the advantages of quiet surroundings conducive to study and simplicity of living.

These various and excellent arrangements have been made possible by the generosity and helpfulness of a large circle of friends of Guilford College, and everything has been done with a view to giving young people, young women, as well as young men, a healthful and stimulating place at which to spend a few years in substantial educational work and training.



These material equipments represent a pretty large outlay of money and thought, and show that the management has in mind the development and maintenance of an educational center that shall stand for all that is best in physical, intellectual and moral training. These buildings and their furnishings are intended to be a solid basis for genuine and thorough educational work, and to show to students and to the public that those who are most vitally responsible for the outcome and general effect of Guilford believe nothing is too good or too expensive that is to go into the moulding of the minds and characters of the young people of our country; that these people deserve the best possible opportunity to become all they are capable of becoming, for their own sakes and for the sake of all those whose lives they will in any way affect.

The location of the College, in the Piedmont section of the state, one thousand feet above sea, may be considered a part of the material equipment. The supply of pure water, from a well 364 feet deep, is a means of promoting good sanitary conditions, for nothing is more important in the production of strength of body, of mind and of character than environment. The air we breathe, the water we drink, and the food we consume and the total outlay of energy, thought and money should be so co-ordinated as to exert the greatest possible beneficial effect upon the body of young people whose immediate and future interests are at stake.

Every one needs a comfortable and safe place to live, a place in which the very atmosphere, figura-

tively speaking, will call the mind to the true and the beautiful and the good, and thus tend, in a very powerful way, to bodily and mental vigor, and to that ideal of religious activity in which one by losing one's life shall find it.

## REQUIREMENTS FOR ADMISSION

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### *Preparation*

Those who have access to a high school or other preparatory school are expected to complete four years in order to enter the Freshman class. The power and training secured in systematic study for four years in a high school are a good preparation for entering upon a college course. A chief cause of failure in college work is unsatisfactory preparation.

Students will find that a thorough working knowledge of the preparatory subjects is absolutely essential in order to take up the work of the college course.

### *Admission of Students*

Application for admission should be made upon forms which will be furnished on request.

Applicants for admission to the Freshman class must present a letter of recommendation as to moral character and a certificate of recommendation in scholastic work; or by examination, give evidence of proficiency in required subjects.

Students coming from accredited schools, if recommended in fourteen units, in which the required units are included, are given Freshman standing. A study taken for one year, five times a week, is valued at one unit. Credentials in all cases should be sent to the President as early as possible.

Credits allowed on credentials are in all cases conditional. A student thus admitted has only probationary standing for the first term and the period of probation may be prolonged if the work is unsatisfactory.

### *Required Preparatory Subjects for All Courses*

English .....	3	units
Algebra .....	1½	units
Plane Geometry .....	1	unit
* A Foreign Language .....	4	units
History .....	1	unit
Science .....	1	unit
Electives .....	2½	units

Candidates for the degree of Bachelor of Arts must present four units of Latin as a Foreign Language requirement. Candidates for the degree of Bachelor of Science must present four units of Foreign Language, two of which must be either French or German.

Twelve units of the required fourteen units will be accepted for conditional entrance to the Freshman class.

### *Admission to Advanced Standing*

Students from other approved institutions will be admitted to such standing as seems fair to the Committee on Credentials. The applicant in every case must present a statement of honorable dismissal, a catalogue of the school attended, and an official statement and description of the work done, with a record of full entrance credits.

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\* Students who are unable to present 2 units of French or German for admission may take French A or German A in college to remove conditions in these subjects.



### *Special Students*

Persons of mature age who are not candidates for a degree, may be admitted as special students. No special student will be permitted to register for less than twelve hours in any term except by consent of the faculty. Such an applicant may study subjects for which he is prepared.

### *Deficient Students*

A student who is repeating a course, or who has conditions in excess of eight hours of half-yearly courses, or who is carrying an entrance condition after January of the Freshman year shall have his name appear in the student list of the current catalogue marked with an asterisk (\*) to indicate that he is not in full class standing.

### *Regulations Regarding Re-examinations*

Opportunities for the removal of First Term conditions will be given in April and in September.

Opportunities for the removal of Second Term conditions will be given in September and in January.

Conditions should be removed at the first regular re-examination period after failure; if not then removed, a fee of two dollars will be charged against the student at the next regular re-examination period. A student who, after two opportunities, has failed to

remove a condition, shall repeat the course; the repeated course taking precedence over all other courses.

A student in applying for a re-examination must inform the Dean at least two weeks before the date of examination.

*Table of Subjects Accepted for Entrance*

SUBJECTS	TOPICS	UNITS
English A	Grammar and Analysis	1
English B	Composition and Elementary Rhetoric	1
English C	Selections of Literature	1
Mathematics A	Algebra to Quadratics	1
Mathematics B	Quadratics, etc., Binomial Theorem	$\frac{1}{2}$
Mathematics C	Plane Geometry, complete	1
Mathematics D	Solid Geometry	1
History A	Ancient	1
History B	Mediæval and Modern	1
History C	English	1
History D	American	1
Latin A	Grammar and Composition	1
Latin B	Cæsar, four books and Composition	1
Latin C	Cicero, four orations and Composition	1
Latin D	Virgil, four books and Composition	1
Greek A	Grammar and Composition	1
Greek B	Xenophon, four books	1
German A	Grammar and Composition	1
German B	Reading and Exercises	1
French A	Grammar and Composition	1
French B	Reading and Exercises	1
Science A	Physical Geography	$\frac{1}{2}$
Science B	Chemistry	1
Science C	Physics	1
Science D	Physiology	$\frac{1}{2}$
Science E	Botany	$\frac{1}{2}$ or 1
Civics	Civil Government	$\frac{1}{2}$

## SPECIFICATIONS REGARDING ENTRANCE UNITS

### *English*

English A—Grammar and Analysis . . . . . One Unit

Spelling, parts of speech, inflection, syntax, structure of sentences, punctuation, use of capital letters, elementary composition.

English B—Composition and Elementary Rhetoric  
One Unit

Choice of words and their mutual relations, paragraphing and form, different kinds of composition, including letter writing, narration, description, exposition, abundant practice in composition, with readings from masterpieces of American Literature.

English C—Literature . . . . . One Unit

The student is required to give careful study to the following: Shakespeare's *Macbeth*; Milton's *L'Allegro*, *Il Penseroso*, *Comus*, *Lycidas*, and some of his *Sonnets*; Scott's *Lady of the Lake*; Arnold's *Sohrab and Rustum*; Carlyle's *Essay on Burns*.

The student is required to read two selections from each of the following groups:

I. Genesis, Exodus, Joshua, Judges, Samuel, Kings, Daniel, Ruth, Esther; Homer's *Iliad*; Virgil's *Æneid*.

II. Merchant of Venice; As You Like It; Twelfth Night; Henry V; Julius Cæsar; Midsummer Night's Dream.

III. Robinson Crusoe; Vicar of Wakefield; Ivanhoe; House of Seven Gables; David Copperfield; Silas Marner; Treasure Island; Cranford.

IV. Pilgrim's Progress; Franklin's Autobiography; Parkman's *Oregon Trail*; Stevenson's *Inland Voyage and Travels with a Donkey*; Sir Roger de Coverley Papers; Macaulay's *Essay on Warren Hastings*; Irving's *Sketch Book*.



V. Gray's *Elegy* and Goldsmith's *Deserted Village*; Coleridge's *Ancient Mariner*, and Lowell's *Vision of Sir Launfal*; Scott's *Lay of the Last Minstrel*; all of Wordsworth, Shelley, and Keats in Palgrave's *Golden Treasury*; Longfellow's *Miles Standish*, and Whittier's *Snowbound*; Tennyson's *Gareth and Lynette*, *Lancelot and Elaine*, and *Passing of Arthur*; Byron's *Childe Harold*, *Canto IV*, and *Prisoner or Chillon*.

## *Mathematics*

### Mathematics A and B—Algebra

#### One and One-Half Units

Covering the four fundamental operations of algebra, factoring, highest common factor and lowest common multiple, fractions, simple equations, simultaneous simple equations, involution and evolution, exponents, radicals, quadratic equations, equations in the quadratic form, ratio and proportion, variation, and progressions.

### Mathematics C—Plane Geometry . . . . . One Unit

Five books and numerous original exercises taken from other sources.

### Mathematics D—Solid Geometry . . . . . One Unit

With original exercises and problems.

## *History*

In all of the following work a knowledge of historical geography is required. Not more than three units of credit in history will be accepted, the selections to be made from the following:

### History A—Ancient . . . . . One Unit

History of Greece to the death of Alexander, and history of Rome to the overthrow of the empire of the west, or to the death of Charlemagne.

## History B—Mediaeval and Modern ..... One Unit

The general history of western Europe from the fifth century, or from the division of Charlemagne's empire to the close of the nineteenth century.

## History C—English ..... One Unit

The political and social history of England from the period of the Roman occupation to the present day.

## History D—American ..... One Unit

A general outline of United States history, including the period of discovery and settlement, the growth of the English colonies, the French and Indian wars, the revolution and the adoption of the constitution, the growth and expansion of the Union, the slavery conflict, the Civil War and reconstruction, and the recent development of the nation.

## *Latin*

## Latin A—Grammar and Composition ..... One Unit

Pronunciation, accent, quantity, thorough drill in forms, word formation, syntax, translation of elementary Latin sentences into English, elementary exercises in Latin prose composition.

## Latin B—Cæsar ..... One Unit

First four books of Cæsar's Gallic War, thorough knowledge of its subject matter, familiarity with forms and construction, continued practice in Latin prose composition.

## Latin C—Cicero ..... One Unit

Cicero's Orations against Catiline; continued practice in prose composition.

## Latin D—Virgil ..... One Unit

Four books of Virgil's *Æneid*, forms and construction of poetry, hexameter verse, continued practice in prose composition.

## *Greek*

Greek A—Grammar and Composition . . . . . One Unit

The forms, inflections, and idioms of Attic prose, syntax, prose composition—one year's work.

Greek B—Xenophon . . . . . One Unit

Four books of Xenophon's Anabasis, study of Greek irregular verbs, syntax, translation of Greek into English and English into Greek.

## *German*

German A—Grammar and Composition . . . One Unit

Grammar, pronunciation, dictation, exercises in translation, both oral and written, and reading of about 100 pages of texts suitable for first year work.

German B—Reading and Exercises . . . . . One Unit

Continued practice in grammar, dictation, conversation, oral translation from German into English and English into German, and about 300 pages of texts suitable for second year work, along with written exercises in prose composition.

## *French*

French A—Grammar and Composition . . . . . One Unit

Grammar, pronunciation, dictation, exercises in translation, both oral and written, and reading of about 150 pages of texts suitable for first year work.

French B—Reading and Exercises . . . . . One Unit

Continued practice in grammar, dictation, conversation, oral translation from French into English and English into French, and about 300 to 400 pages of texts suitable for second year work, along with written exercises in prose composition.

## *Science*

### Science A—Physical Geography ..... One-half Unit

The knowledge obtainable from a standard school text-book on this subject.

### Science B—Chemistry ..... One Unit

Including class room and laboratory work in the elements of chemistry. At least five exercises a week for one school year. A notebook should be presented.

### Science C—Physics ..... One Unit

Any standard school text-book, including class work with lecture demonstrations, problem work and simple laboratory experiments.

### Science D—Physiology ..... One-half Unit

A standard school text-book, with demonstrations and simple experiments. Special attention should be given to such practical subjects as sanitation, diet, and personal hygiene.

### Science E—Botany ..... One-half or One Unit

Any standard school text-book, recitations and laboratory work in general botany.

## *Civics*

### Civics ..... One-half Unit

A general study of the Constitution of the United States and the organization of the executive, legislative and judicial departments of the government; the division of governmental functions between the national and state governments; and the organization and operation of the state governments.



## GROUPS OF STUDIES

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The groups following are constructed in accordance with (1) the required studies and (2) electives. Besides fulfilling the requisite in required studies the student, in any group, must take at least three years' work in a single subject, known as the major subject. The student will select his group according to the major subject which he prefers. The selection of a group should be determined upon entrance into the Sophomore year. Electives entitle the student to select any studies which he may choose not in conflict with the authorized program of recitations, provided always that required studies must take precedence of electives in classification. The program of recitations will conform to the groups as outlined.

### *Degrees*

The degree of Bachelor of Arts will be conferred on any student who satisfactorily completes Group AI, AII, or AIII, and the degree of Bachelor of Science on any student who satisfactorily completes Group BI, BII, or BIII, provided in either case said student sustains a good moral character.

### *Modern Language Requirements*

In the Bachelor of Arts Courses the Modern Language requirement is sixteen hours of either French or German.

In the Bachelor of Science Courses a student must take Course A in the language not presented for entrance and in addition Course I in either of the languages.

### *Hours Requisite for Graduation*

The courses are evaluated by the term hour, which equals one recitation hour a week for a term (half year). For graduation in any course a student will be required to complete a minimum of 126 term hours in one of the following courses.

*Group AI—Ancient Classical***FRESHMAN**

English Ia	4	English Ib	4
Mathematics Ia	5	Mathematics Ib	5
Livy	4	Tacitus	4
Greek	4	Greek	4

**SOPHOMORE**

English II	2	English II	2
History	3	History	3
Latin	4	Latin	4
Greek	4	Greek	4
Chemistry I or Physics I	4	Chemistry I or Physics I	4

**JUNIOR**

Ancient Language	4	Ancient Language	4
Biology I	4	Biology I	4
German or French	4	German or French	4
Biblical Literature	4	Biblical Literature	4

**SENIOR**

Philosophy I	3	Philosophy II	2
Ancient Language	3	Ancient Language	3
German or French	4	German or French	4
Electives	6	Electives	7

*Group AII—English Classical***FRESHMAN**

English Ia	4	English Ib	4
Mathematics Ia	5	Mathematics Ib	5
Livy	4	Tacitus	4
German or French	4	German or French	4

**SOPHOMORE**

English II	2	English II	2
History	3	History	3
German or French	4	German or French	4
Chemistry I or Physics I	4	Chemistry I or Physics I	4
Latin	4	Latin	4

**JUNIOR**

English	3	English	3
Biblical Literature	4	Biblical Literature	4
Biology I	4	Biology I	4
Electives	5	Electives	5

**SENIOR**

Philosophy I	3	Philosophy II	2
English	3	English	3
Electives	10	Electives	11

*Group AIII—Political Science***FRESHMAN**

English Ia .....	4	English Ib .....	4
Mathematics Ia .....	5	Mathematics Ib .....	5
French or German .....	4	French or German .....	4
History or Livy .....	4	History or Tacitus .....	4

**SOPHOMORE**

English II .....	2	English II .....	2
History .....	3	History .....	3
German or French .....	4	German or French .....	4
Chemistry I or Physics I ..	4	Chemistry I or Physics I ..	4
Electives .....	4	Electives .....	4

**JUNIOR**

History .....	4	History .....	4
Biology I .....	4	Biology I .....	4
Biblical Literature .....	4	Biblical Literature .....	4
Electives .....	4	Electives .....	4

**SENIOR**

Economics .....	4	Economics .....	3
Philosophy I .....	3	Philosophy II .....	2
Sociology .....	3	Ethics .....	3
English .....	3	English .....	3
Electives .....	3	Electives .....	5

*Group BI—Chemistry***FRESHMAN**

English Ia .....	4	English Ib .....	4
Mathematics Ia .....	5	Mathematics Ib .....	5
German or French .....	4	German or French .....	4
Chemistry I .....	4	Chemistry I .....	4

**SOPHOMORE**

English II .....	2	English II .....	2
History .....	3	History .....	3
German or French .....	4	German or French .....	4
Chemistry II .....	4	Chemistry III .....	4
Physics I .....	4	Physics I .....	4

**JUNIOR**

Chemistry IV .....	4	Chemistry IV .....	4
Biology I .....	4	Biology I .....	4
Electives .....	8	Electives .....	8

**SENIOR**

Philosophy I .....	3	Philosophy II .....	2
Biblical Literature .....	4	Biblical Literature .....	4
Chemistry or Electives .....	4	Electives .....	9
Electives .....	4		



*Group BII—Mathematics and Physics***FRESHMAN**

English Ia .....	4	English Ib .....	4
Mathematics Ia .....	5	Mathematics Ib .....	5
German or French .....	4	German or French .....	4
Chemistry I .....	4	Chemistry I .....	4

**SOPHOMORE**

English II .....	2	English II .....	2
History .....	3	History .....	3
German or French .....	4	German or French .....	4
Mathematics II .....	4	Mathematics II .....	4
Physics I .....	4	Physics I .....	4

**JUNIOR**

Mathematics III .....	4	Mathematics III .....	4
Biblical Literature .....	4	Biblical Literature .....	4
Electives .....	8	Electives .....	8

**SENIOR**

Mathematics IV or Physics .	3	Mathematics IV or Physics .	3
Philosophy I .....	3	Philosophy II .....	2
Biology I .....	4	Biology I .....	4
Electives .....	6	Electives .....	6

*Group BIII—Biology***FRESHMAN**

English Ia .....	4	English Ib .....	4
Mathematics Ia .....	5	Mathematics Ib .....	5
German or French .....	4	German or French .....	4
Chemistry I .....	4	Chemistry I .....	4

**SOPHOMORE**

English II .....	2	English II .....	2
History .....	3	History .....	3
German or French .....	4	German or French .....	4
Biology I .....	4	Biology I .....	4
Electives .....	4	Electives .....	4

**JUNIOR**

Biology II .....	3	Biology II .....	3
Organic Chemistry .....	4	Biology IIb .....	4
Biblical Literature .....	4	Biblical Literature .....	4
Electives .....	5	Electives .....	5

**SENIOR**

Biology .....	4	Biology .....	4
Philosophy I .....	3	Philosophy II .....	2
Electives .....	8	Electives .....	9

## DEPARTMENTS OF INSTRUCTION

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### *Latin*

I. LIVY.—This course embraces two books of Livy, with composition weekly. Rapid reading and sight reading on easy passages are employed as tests. Points in history and syntax, together with Livy's style, are emphasized. Four hours a week. Fall term. Freshman.

II. TACITUS.—This course embraces the *Germania* and *Agricola*. Also either the *Poet Archias* of Cicero, or composition, as the case demands, is required. The *Germania* is studied for its intrinsic value as history; the *Agricola* is studied as history and as a biography. The *Agricola* of Tacitus and the *Poet Archias* of Cicero are studied as masterpieces in Latin literature. Four hours a week. Spring term. Freshman.

III. SELECTIONS FROM VIRGIL.—This course embraces *Georgics* I and IV, and selections from the *Æneid*. In this course it is intended to set forth the principles upon which Latin poetry is based, the hexameter being the simplest and best representative of Latin verse. The selections are made with a view to illustrate Virgil's method of developing a National Epic for the Romans. Virgil's style and syntax are an essential part of the course. Four hours a week. Fall term.

IV. SELECTIONS FROM OVID AND PROPERTIUS.—This course embraces selections from the Elegies of Ovid and Propertius illustrative of this department of Latin poetry. The selections from the Metamorphoses of Ovid are very valuable from the mythology which they contain treated in epic form. Four hours a week. Fall term.

V. HORACE.—Many of the Odes and of the Satires and Epistles, and the *Ars Poetica* constitute this course. Poetic peculiarities, sentiment, and elegance of expression in Latin verse are among the things studied. Prosody is an essential part of the work. Four hours a week. Spring term.

VI. CICERO'S TUSCULAN DISPUTATIONS I AND SELECTIONS FROM LUCRETIUS.—This course is given as a study in Roman philosophy. Special attention is called to philosophical thought as expressed by these two authors. The technical meaning of words, and a thorough drill in syntax are emphasized. Four hours a week. Spring term.

VII. ROMAN COMEDY.—This course embraces the *Captivi* and *Trinummus* of Plautus, the *Andria* and *Adelphoe* of Terence. It is the intention of this course to give the student an idea of the fundamental qualities of Roman comedy. It is in the comedy that one finds daily life depicted, and it is in comedy that the daily speech is used—two very essential elements toward a correct understanding of the literature of a people. Three hours a week. Fall term.

VIII. TRAGEDY.—This course embraces three Tragedies of Seneca and selections at sight from Gude-  
man's Latin Literature. Three hours a week. Spring  
term.

### *Greek*

I. The first term in the study of Greek is devoted to learning the forms of the language, and doing easy exercises from Frost's Greek Primer. In the second term, two books of Xenophon's Anabasis are read.

II. In the second year, the third book of the Anabasis, and about an equal amount of Herodotus are read in the first term. The second term is given to Homer's Iliad.

III. During the first term of the third year Plato's Apology, Crito, and Thucydides are read. The last term is given to New Testament Greek.

For students electing a fourth year in Greek additional reading matter will be furnished according to the wish and efficiency of the class.

### *German*

Students wishing to qualify for German I may present a satisfactory certificate of their school instruction in German or pass an examination over the work required in German A.

Course A.—Course for beginners. Pronunciation and grammar; oral and written exercises; dictation; sight translation; reading of simple German prose.



*Texts.*—Joynes and Wesselhoeft German Lesson Grammar; Gueber, Märchen und Erzählungen; Müller and Wenkebach, Glück Auf; Storm, Immensee; Hillern, Höher als die Kirche; or equivalents. Second semester a simple prose text. Four hours a week.

Course I.—Prerequisite Course A. Grammar and composition; oral and written reproduction of selected passages of texts read; dictation; reading of prose and poetry.

*Texts.*—Willkommen in Deutschland; Im Vaterland; Goethe, Hermann und Dorothea; Schiller, der Neffe als Onkel; Zschokke, der zerbrochene Krug or equivalents. Four hours a week.

Course II.—Prerequisite Course I. Advanced grammar; oral and written summaries of texts; extensive reading of prose and poetry.

*Texts.*—Chosen from such authors as Schiller, Lessing, Goethe, Freytag, Kleist. Three hours a week.

Course III.—An advanced course in German literature open to those who have completed Course II.

## *French*

Students wishing to qualify for French I may present a satisfactory certificate of their school instruction in French or pass an examination over the work required in French A.

Course A.—Course for beginners. Pronunciation and grammar; oral and written exercises; dictation; sight translation; reading of simple French prose.

*Texts.*—Fraser and Squair French Grammar, Part I; Bruce Lectures Faciles; Talbot, *Le Français et sa Patrie*; Labiche and Martin, *Le Voyage de M. Perrichon*; Daudet, *Le Petit Chose*; or equivalents. Second semester a simple prose text. Four hours a week.

Course I.—Prerequisite Course A. Grammar and composition; oral and written reproduction of selected passages of texts read; dictation; reading of prose and poetry.

*Texts.*—Fraser and Squair French Grammar, Part II; Buffum, *French Short Stories*; Daudet, *Morceaux Choisis*; Lamantine, *Jeanne d'Arc*; Pailleron, *Le Monde où l'on s'ennuie*, and others. Advanced French prose. Four hours a week.

Course II.—Advanced grammar; study of the history of French literature based on an *Histoire de la littérature française*; reading of representative texts; oral and written reviews of texts read; special topics. Three hours a week.

Course III.—An advanced French literary course open to those who have completed Course II.

## *English*

English Ia and Ib are required of all Freshmen, English II of all Sophomores. The other courses are elective.

Ia. This course covers the principles of rhetoric and composition. Attention is also given to the read-

ing and careful analysis of model prose selections taken from the best English and American writers. Lectures on the history of the English language. Frequent themes. Four hours, first half year.

*Text.*—Genung, Handbook of Rhetorical Analysis.

*Ib.* ENGLISH LITERATURE.—The second half year presents a general survey of English Literature from the Anglo-Saxon age to the present day. Lectures, readings in class, outside readings and reports. Four hours, second half year.

*Text.*—Moody and Lovett, English Literature.

II. SOPHOMORE COMPOSITION.—Constant practice in the various forms of prose composition. This course also includes some practice in oral composition. In the second half year lectures on the appreciation of literature. Readings from selected authors. Two hours throughout the year.

*Texts.*—Wendell, English Composition; Lomer and Ashmun, The Study and Practice of Writing English.

IIIa. ELIZABETHAN DRAMA.—This course is intended to acquaint the student with the drama of the age of Elizabeth. It consists of an historical survey of the drama, a study of the playwrights immediately preceding Shakespeare with respect to their influence upon him, a study of Elizabethan society and playhouses, and a few of Shakespeare's early plays. Elective. Three hours, first half year.

*Text.*—Neilson, Chief Elizabethan Dramatists.



IIIb. This course is a continuation of IIIa. All the plays of Shakespeare, several of which are studied critically in class. Lectures on his development as a dramatist. Elective. Three hours, second half year.

IVa. NINETEENTH CENTURY PROSE.—During the first half year attention is given to the English prose masters of the nineteenth century, and a more or less critical examination of some of their works. Lectures, readings in class, outside readings and reports. Elective. Three hours a week, first half year.

IVb. NINETEENTH CENTURY POETRY.—Lectures on the lives and works of Coleridge, Wordsworth, Shelley, Byron, Keats, Arnold, Tennyson, Browning, Rossetti, Morris and Swinburne. Lectures, class room discussions, outside readings and reports. Elective. Three hours, second half year.

Va. AMERICAN LITERATURE.—The purpose of this course is to give the student a general survey of American Literature from 1607 to the present day, with a more or less intensive study of representative writers of each period. Lectures, recitations, outside readings and reports. Elective. Three hours, first half year. (Not given 1917-1918.)

*Text.*—Wendell and Greenough, History of Literature in America.

Vb. TYPES OF FICTION IN THE EIGHTEENTH AND NINETEENTH CENTURIES.—Typical movements in the development of fiction writing since 1700. The English novel of manners, the historical novel, romantic and realistic tendencies, the novel of purpose, the psy-



chological romance, and various types of the short story will be studied. Lectures, outside readings and reports. Elective. Three hours, second half year. (Not given 1917-1918.)

### *The English Bible*

BIBLICAL LITERATURE.—The work in Biblical Literature consists of a survey of Hebrew and Jewish history, with special studies in the prophetic writings during the Fall term. The Spring term is devoted to the study of the four Gospels. Four hours a week. One year. Required of all students in their Junior or Senior year.

TEACHER TRAINING.—The great stress in this course is laid on the Bible and its use in Sunday school and home. Text-book, lecture, and required readings and investigation on assigned subjects. Especially arranged for Christian workers in Sunday school and church. Elective for Juniors and Seniors. Three hours, first term.

NEW TESTAMENT DOCTRINES.—This course deals with the original message of Christianity as given by Christ and the Apostles in the Gospels, Acts, and Epistles. Elective for Juniors and Seniors. Three hours, second term. (Not given 1917-1918.)

THE LIFE OF CHRIST.—This course will include a study in the harmony of the Gospels, a separate analysis of each Gospel, that its particular message may be seen, a few of the outstanding truths of Christian

doctrine, the geography of Palestine, memory work, oral reading in class and outside readings. Elective for Juniors and Seniors. Three hours, first term. (Not given 1917-1918.)

THE PRINCIPLES OF PROPHECY.—The character of Hebrew prophecy will be studied, the relation of history to prophecy, the work of the prophet and the classification of prophetic material. Text-book, lectures and required readings. Elective for Juniors and Seniors. Three hours, first term.

PROPHETIC MESSAGES.—This course deals with the doctrine and influence of the prophets. The message of prophecy will be found by working carefully through prophetic literature. Elective for Juniors and Seniors. Three hours, second term.

## *History*

I. MEDIAEVAL AND MODERN HISTORY.—In this course the history of Western Europe is studied, outlining the rise of the Papacy, the Crusades, the Renaissance, the Reformation, the French Revolution, and the Development of Modern Europe. Reference work in the library and reports on special topics form an essential part of the course. Three hours a week. One year. Elective in Political Science Group in Freshman year. Required in all other Groups in the Sophomore year. (Not given in 1917-1918.)

II. ENGLISH HISTORY.—This is a study of the political, industrial and constitutional development of England from the earliest period to the present time.

Special attention will be given the State, the English Church, the Puritan Movement, the Colonial System and the Industrial Revolution. Reference work and reports are required. Three hours a week. One year. Alternates with Course I as an elective in Freshman year in Political Science Group and as a requirement of Sophomores in all other groups.

IIIa. CONSTITUTIONAL HISTORY.—This is a study of the formation and development of the United States Government, with a close examination of its present form and workings. It is, therefore, a combination of history and advanced civics. A text-book is used, but considerable reference work in the Library is required, the results of which are embodied in themes at regular intervals during the term. The aim is not only to develop a knowledge of the history and workings of the government, but to stimulate an interest in current political life and its responsibilities. Four hours a week. Fall term. Required in the Political Science Group; elective in Junior or Senior year in all other groups. (Not given in 1917-1918.)

IIIb. CONSTITUTIONAL HISTORY.—The nature and origin of government will be traced, together with the development of the modern states: England, France, Switzerland and Germany. This is followed by a study of the general form and working of these governments, with emphasis on the legislative, administrative and judicial functions. Reference work on the subject matter of the course and the current political and diplomatic situation in Europe is done in the library and reports made to the class. Each member



of the class is required to make an independent study of some government not treated in the class and write a theme on it. Four hours a week. Spring term. Required in the Political Science Group; elective in Junior or Senior year in all other groups. (Not given in 1917-1918.)

IV. AMERICAN HISTORY.—This is a course in advanced American History, and deals with origins, movements and developments rather than mere incidents and facts. A text-book will form the basis of the course, but broad readings, reports, lectures, and discussions will form the major part of the work. The study will extend throughout the year, reciting four hours a week, but will be divided into two parts, as follows:

(a) Fall term: 1492-1789—Colonial Period, Revolution and Independence; Formation of the Government and Origin of Parties.

(b) Spring term: 1789-1918—National Development and Expansion; Slavery Controversy; Civil War and Reconstruction; Period Since the War.

Courses IV*a* and IV*b* alternate with III*a* and III*b*.

### *Economics*

I. ECONOMICS.—This is a general introduction to the principles of political economy. Its purpose is to give a general understanding of current American economic problems and of the forces underlying our industrial life, thus preparing students for more



advanced study and the duties of citizenship. The course consists of text-book, collateral reference work and a theme by each student based on a study of some practical economic problem. Four hours a week. Fall term. Junior or Senior.

II. ECONOMICS.—This course is a continuation of Economics I. In it a more thorough study is made of certain phases of political economy, including money and banking, transportation, corporations and the tariff. Four hours a week. Spring term. Junior or Senior.

III. SOCIOLOGY.—This course strives to explain the basis of society, the social institutions, social pathology and the remedies, and social psychology and progress. Collateral readings and the study of some current social problem is required of each member of the class. Three hours a week. Fall term. Senior.

### *Philosophy*

I. PSYCHOLOGY.—A course in general psychology seeking to cover the field of mental facts and processes, supplemented by readings and lectures. Three hours a week. Fall term. Senior.

*Text.*—James' Psychology Briefer Course.

II. LOGIC.—Careful attention is given in this course to definitions and explanation of the terms, and much practice in processes of reasoning. Two hours a week. Spring term. Senior.

*Text.*—Jevon's Lessons in Logic.

III. ETHICS.—In this course the trend of Christian ethics will be considered historically, and an attempt is made to find a fundamental basis of moral conduct. The work consists of lectures and notes on assigned readings, together with text-book and a theme on some phase of ethical study. Three hours a week. Spring term. Senior.

IV. METHODS OF TEACHING.—The course in Pedagogy is embraced under the designation of Methods of Teaching and consists of a two-hour course each week for the entire Spring term of eighteen weeks. Hamilton's "Recitation" is used as a text-book and also James' "Talks to Teachers." By a discussion of these texts in class with special reference to methods as denoted by such expressions as Induction and Deduction, Analysis and Synthesis, a posteriori and a priori knowledge much valuable instruction is given that will be useful to those who wish to prepare themselves for teaching. Not only is use made of the brief course in Psychology in James' "Talks," but many members of the classes in the course in Methods have had before entering the study all the Psychology contained in James' Smaller Treatise on Psychology with reference also to his complete work in two volumes. The fact is never lost sight of that knowledge of the subject to be taught is an absolutely necessary preparation for successful teaching and is the fundamental factor.

## *Mathematics*

**Ia. COLLEGE ALGEBRA.**—This course begins with a review of the ground work of elementary algebra, and includes logarithms, progressions, undetermined coefficients, the binomial theorem for fractional and negative exponents, permutations and exponents, and a brief introduction to the theory of equations. Required of all Freshmen. Five hours. Fall term.

*Text.*—Fine's College Algebra.

**Ib. SOLID GEOMETRY.**—Required of all Freshmen who do not present it for entrance. Three hours. Spring term.

*Text.*—Wells' New Solid Geometry.

**Ic. PLANE TRIGONOMETRY.**—Derivation of formulae with their application; trigonometric equations. Solution of right and oblique triangles. Problems involving practical applications. Required of all Freshmen. Two hours. Spring term.

*Text.*—Wells' New Plane Trigonometry.

**II. ANALYTIC GEOMETRY.**—Discussion and construction of loci; the straight line; circle; parabola, ellipse and hyperbola; polar coordinates; transformation of coordinates; tangents; also geometry of three dimensions, including the curve in space, the plane, and quadratic surfaces. Required of all students electing the Mathematics and Physics Group. Four hours throughout the year.

*Text.*—Smith and Gale's New Analytic Geometry.



III. DIFFERENTIAL AND INTEGRAL CALCULUS.—Differentiation and integration of algebraic and transcendental functions; areas, volumes, and surfaces; infinite series; maxima and minima; properties of curves and radius of curvature; numerous applications to geometry, physics, chemistry and engineering. Required of all students electing the Mathematics and Physics Group. Prerequisite Mathematics II. Four hours throughout the year.

*Text.*—Townsend and Goodenough's First Course in Calculus.

IV. DIFFERENTIAL EQUATIONS.—The solution of ordinary and partial differential equations of the first and higher orders. Geometrical, mechanical, and physical applications. Prerequisite Mathematics III. Three hours throughout the year.

*Text.*—Murray's Differential Equations.

V. SURVEYING.—Numerous field problems in the use of the chain, tape, compass, transit, and level. Stadia and plane table work. The use of the solar attachment. Resurveys. Laying out and dividing land. Profile leveling and establishing grades. Computation of areas. Correct forms of note keeping. Complete survey of a farm. Careful drawings are made of all surveys. Emphasis in this course is laid on the field work. Prerequisite Mathematics Ic. Three hours. Spring term.

VI. DESCRIPTIVE ASTRONOMY.—This course deals with the main facts of Astronomy and offers an elementary explanation of the methods by which the



dimensions, distances, motions, physical character, etc., of the heavenly bodies have been ascertained.

A telescope, solar transit, students' spectrometer, and sextant enable the students to supplement their work with observations as required. Two hours. Spring term.

### *Physics*

The Physics Department occupies two well lighted and well ventilated rooms in the basement of King Hall. One of these serves as a shop. Here also are a 6 H. P. kerosene engine, a  $3\frac{3}{4}$  K. W. 110 volt D. C. generator, rotary air pump, pressure tanks, wireless apparatus, and a 14 volt 60 ampere-hour storage battery. The other room serves as a laboratory and lecture room. The lecture apparatus has been well selected to illustrate the most important phenomena of Physics. For accurate experimental work by the advanced students there are several excellent pieces of apparatus by Gaertner, a good assortment of Weston Meters, a Leed and Northrup Potentiometer and other high grade instruments. The laboratories are piped for gas and wired for 110 volt D. C. and 14 volt storage current. The wireless apparatus has been improved and augmented. Associated Press and weather reports are received daily from Arlington and all the important coast stations from Long Island to Key West can be easily heard.

I. GENERAL PHYSICS.—In this course the principles and phenomena of Physics are taken up in detail. In the laboratory especial attention will be

paid to accuracy of observation and measurement. Prerequisite Plane Trigonometry. Four lectures and recitations and one two-hour laboratory period each week throughout the year.

No credit will be given for less than a year's work.

IIa. ELEMENTS OF ELECTRICITY.—This course is designed for students who desire a practical working knowledge of the fundamentals of electricity. A detailed study will be made of dynamos, motors, inductance, storage batteries, electrolysis, and problems of illumination and power distribution. Prerequisites Science C or Physics I or an equivalent and Plane Trigonometry. Four hours first half year—lectures, problems, recitations, laboratory.

*Text.*—Timbie, Elements of Electricity.

IIb. SPECIAL TOPICS OF ELECTRICITY OF MAGNETISM.—Open to students who have completed Physics I or an equivalent. This course will be more theoretical than Course IIa and is designed for students who are specializing in Physics. An elementary knowledge of Calculus is advantageous. Two lectures and two two-hour laboratory periods each week. Second half year.

III. THEORETICAL MECHANICS.—Two hours per week throughout the year.

## *Biology*

I. ELEMENTARY BIOLOGY.—Lectures, recitations, and laboratory work constituting an introduction to the general principles and concepts of Biology; and outline of the structure and classification of animals and plants, and the fundamentals of histology, embryology, and physiology. Throughout the year. Credit, four hours each term.

*Texts.*—Parker and Parker's Practical Zoology; Bergen and Davis's Principles of Botany.

II. VERTEBRATE ZOOLOGY.—Comparative anatomy, development, and phylogeny of the vertebrates. Dissection of types, especially tunicates, amphioxus, petromyzon, fish, fowl and mammal. Lectures, laboratory work, and assigned readings. Throughout the year. Credit, three hours each term.

*Texts.*—Marshall and Hurst's Practical Zoology; Gorham and Tower's Dissection of the Cat; and others.

IIIa. INVERTEBRATE ZOOLOGY.—Study of representatives of the principal groups of invertebrate animals, including the anatomy of the adult forms, with some consideration of their life histories and the phylogeny of the groups. Laboratory and lectures. Fall term. Credit, four hours.

*Texts.*—Parker and Hoswell's Manual of Zoology; Drew's Invertebrate Zoology.

IIIb. EMBRYOLOGY.—A study of the early stages in the development of invertebrates, including matur-



ation and fertilization of the egg; cleavage and the formation of the germ layers in the frog and chick; origin of the embryo and differentiation of the principal structures and organs in the chick. Laboratory work, lectures and assigned reading. Spring term. Credit, four hours.

*Texts.*—Kellicott's General Embryology; Reese's Introduction to Vertebrate Embryology.

IV. GENERAL BOTANY.—This course is a continuation of the work on the structure, classification, and ecology of plants to which the student had an introduction in Biology I. Lectures and laboratory work. Fall term. Credit, four hours.

V. ANIMAL HISTOLOGY.—Instruction and exercises in approved methods of killing, fixing and preserving specimens and tissues; methods of hardening, imbedding, cutting, staining and mounting permanent histological materials; microscopical study of the fundamental tissues, followed by the study of the microscopical structure of the principal organs. Throughout the year. Credit, two hours each term.

*Texts.*—Hill's Manual of Histology and Organography; Lee's Microtome's Vade Mecum.

VI. GENERAL GEOLOGY.—Recitations, laboratory work, together with collateral reading. The common rocks and minerals are studied and identified, their dynamic, structural, and historical geology is studied in connection with field trips, stereopticon illustrations, and examination of fossils in the museum. Four hours a week throughout the year.



*Texts.*—Chamberlin & Salisbury's College Geology, with references to the authors' larger work; Shimer's The Study of Fossils, and Eastman's Translation of von Zittel. Prerequisites, Biology I, Physics I, Chemistry I.

In all year-courses in the department, no credit will be given for less than a full year's work.

### *Chemistry*

I. GENERAL CHEMISTRY.—This course consists of a thorough study of the more important elements and their compounds. The laboratory work takes up the preparation and study of the properties of the non-metallic elements and their compounds. The last four months in the laboratory are devoted to the reactions of the metals and the qualitative analysis of simple salts. Required Sophomore year of all students electing the Chemistry Group, and Junior year of all students electing the Physics and Mathematics Group. No credit will be given for a half year's work in this course. Two lectures or recitations and two laboratory periods per week. Four hours, the entire year.

*Text.*—Alexander Smith, General Chemistry for Colleges.

II. QUALITATIVE ANALYSIS.—This course consists of a thorough study of the methods for the separation and detection of bases and acids. Analyses are made of salts, alloys and minerals. One lecture and three laboratory periods each week. Prerequisite Chemistry I. Four hours. First term.

*Texts.*—A. A. Noyes, Qualitative Chemical Analysis; Julius Stieglitz, Theoretical Qualitative Analysis.

III. QUANTITATIVE ANALYSIS.—Analysis of pure salts and ores are made by gravimetric and volumetric methods. Lectures, laboratory and stoichiometric exercises. One lecture and three laboratory periods each week. Prerequisites, Chemistry I and II. Four hours. Second term.

*Texts.*—Moody, Morse, Quantitative Analysis.

IV. ORGANIC CHEMISTRY.—This course consists of a study of the principal compounds of carbon and their derivatives. There will be two lectures or recitations and two laboratory periods of three actual hours each per week. This course is required of all students in the Chemistry Group and will be useful to students of biology and medicine. Four hours the entire year.

*Text.*—Remsen, Organic Chemistry.

V. ADVANCED QUANTITATIVE ANALYSIS.—This is a continuation of Course III, and consists of the analysis of water, milk, steel, fertilizers, etc. Hours to be arranged.

VI. CHEMISTRY OF FOOD AND NUTRITION.—This course will comprise a study of the organic and inorganic foodstuffs, the changes which they undergo in body metabolism, the energy value of different foods and their economic value. As far as time will permit, additional topics, such as the Pure Food Law and the manufacture of some of the more important food materials are taken up. Lectures, laboratory work

and outside reading. Prerequisite, Chemistry I. Four hours. First half year.

*Text.*—Sherman, Chemistry of Food and Nutrition.

In all courses in Chemistry, except course IV, one laboratory period consists of two and one-half actual hours.

A breakage fee of \$1.00, which is included in the term fee, is required of all students in the Chemistry Department.

# MUSIC

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It will be the aim of the department to give such technical and æsthetic training as will enable students to continue their studies independently and also to impart their knowledge. To this end courses have been arranged along those lines which will tend to cultivate the taste, develop the mind, and elevate the ideals.

The time required for the completion of these courses will vary, according to the native talent, the previous training, and industry of the student.

Pupils will be taught with reference to their peculiar needs, and aided from the beginning to form habits of attention and thoughtful practice.

## *COURSE OF STUDY*

### *Course I*

Pianoforte, Theory, History of Music, equivalent of High School course, German, English literature, History.

### *Course II*

Voice Culture, Pianoforte (through the Intermediate grade), Theory, History of Music, equivalent of High School course, French, German, Italian.

### *Pianoforte*

Three grades: Elementary, Intermediate, Advanced.



Special attention will be given to hand positions, the proper use and control of finger, hand, wrist and arm, conducing to elasticity of touch and correct phrasing.

### *Elementary Grade*

Finger and wrist exercises, scales taught in contrary and parallel motion, canon form, grouping by accent or rhythms.

Arpeggios founded on common chord, major and minor, dominant seventh, diminished seventh.

Studies selected from: Kohler's Pianoforte Method, Kohler's Studies, Op. 50, Loschhorn, Op. 65, Burgmuller, Czerny, MacDougall, etc.

Pieces by Gurlitt, Reinecke, Ganschals, Streabbog and others.

### *Intermediate Grade*

Technical exercises continued. Scales in double thirds and sixths.

Studies by Bertini, Heller, Op. 47 and 45, Czerny, Op. 299, Bach, Loschhorn, Op. 66, Czerny's "Legato and Staccato," Sonatinas and easier Sonatas of Haydn, Mozart, Beethoven.

Mendelssohn's "Songs Without Words."

Pieces by Handel, Jensen, Godard, Greig, Raff, Henselt, Saint Saens, Chopin, Schubert and others.

### *Advanced*

Technical exercises of preceding grades at a more rapid tempo.

Studies of Cramer, Clementi's *Gradus ad Parnasum*, Bach's *Well-Tempered Clavichord*, Kullak's *Octaves*, Beethoven's *Sonatas*, Chopin's *Etudes*.

Pieces by Webber, Chopin, Schumann, Moskowski, MacDowell, Liszt, and others. Concerti by Beethoven, Mendelssohn and others.

### *Vocal*

Careful attention will be given to correct breathing, voice placing, tone production; the use of the lips, tongue and palate with reference to distinct articulation; all tending toward the development of a natural and easy manner of singing.

Vocalises and Solfeggio; Studies selected from Concone, Panofka, Marchesi, Sieber, Bordogni.

Songs of the best English and American composers, beside those of Mozart, Shubert, Schumann, Franz, Grieg.

French, German, and Italian Songs in the original text.

Arias from the Oratorios of Handel, Haydn, Mendelssohn.

### *Sight Singing*

Public school singing will be taught in regular lessons.

### *Harmony*

The difficulties in the study of harmony will be lessened by learning that the rules are derived from certain principles, *i. e.*, the natural tendencies in har-

monic and melodic progressions. The study will involve a thorough knowledge of musical notation, intervals, signatures, keys, formation of scales, triads of major and minor scales and their inversions. Simple four-part writing from given basses and sopranos.

Harmonies of the Seventh and their inversions, Secondary harmonies of the Seventh and their inversions.

Chords of the Seventh in connection with chords of other tone degrees.

Chords of Ninth, Eleventh and Thirteenth.

Chromatic alterations of the Fundamental Harmonies, Modulations, Suspensions, Organ-Point, Passing-Notes, Passing-Chord, Harmonizing melodies.

### *History of Music*

Music before the twelfth century.

Development of Folk Song: Troubadours, Minnesingers, Meistersingers.

Evolution of Music Forms: Choral, Oratorios, Sacred Cantata, Sonata, Symphony.

Schools of Music: The Netherlands, Flemish, Italian, French, German.

Masters of Music: Palestrina, Handel, Bach, Gluck, Haydn, Mozart, Beethoven.

Lesser Lights, Schubert, Von Weber, Spohr, Mendelssohn, Schumann, Cherubini, Wagner.

### *Free Classes*

Harmony and Musical History.—These classes are open to such music students as are sufficiently advanced.

Chorus Classes.—In these classes students receive training in part-singing.

### *Recitals*

Realizing that ease and confidence in playing for others can be acquired only by experience in doing so, weekly recitals will be held, at which students will be encouraged to render their pieces in the presence of others; they will also have an opportunity of hearing the best works of different epochs interpreted with descriptive analysis.

### *Diplomas*

Candidates for graduation in music, besides completing the prescribed course, will be required to give a finished and satisfactory public recital.

Students who are candidates for a degree may elect not more than eight hours in music to apply toward graduation, this to be taken in either the intermediate or advanced grades.



## PREPARATORY SCHOOL

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In order to accommodate some of our patrons who are not in reach of good high schools we are carrying two years of preparatory work to prepare students for the Freshman class.

The following courses are taught each year :

FALL TERM		SPRING TERM	
English B .....	5	English B .....	5
English C .....	5	English C .....	5
Primary Latin .....	5	Primary Latin .....	5
Cæsar .....	5	Cæsar .....	5
Cicero .....	5	Virgil .....	5
Algebra B .....	5	Algebra B .....	5
Plane Geometry .....	5	Plane Geometry .....	5
Ancient History .....	5	Ancient History .....	5
Physics .....	5	Chemistry .....	5

### *English*

B. The Principles of English composition governing punctuation, the use of words, sentences, and paragraphs should be thoroughly mastered. Abundant practice in oral and written composition comprising letterwriting, narration, description, easy exposition and argument extend throughout the year. Correct spelling and grammatical accuracy rigorously demanded. Frequent grammar reviews are given. Study of easy masterpieces from American literature.

C. The third year in English prepares for entrance to the Freshman class in college. For the year 1917-1918 the following will be required :

FOR STUDY.—Shakespeare's *Macbeth*; Milton's *L'Allegro*, *Il Penseroso*, *Comus*, *Lycidas*, and some of his *Sonnets*; Scott's *Lady of the Lake*; Arnold's *Sohrab and Rustum*; Carlyle's *Essay on Burns*.

FOR READING.—Two must be selected from each group.

I. *Genesis*, *Exodus*, *Joshua*, *Judges*, *Samuel*, *Kings*, *Daniel*, *Ruth*, *Esther*; Homer's *Iliad*; Virgil's *Æneid*.

II. *Merchant of Venice*; *As You Like It*; *Twelfth Night*; *Henry V*; *Julius Cæsar*; *Midsummer Night's Dream*.

III. *Robinson Crusoe*; *Vicar of Wakefield*; *Ivanhoe*; *House of Seven Gables*; *David Copperfield*; *Silas Marner*; *Treasure Island*; *Cranford*.

IV. *Pilgrim's Progress*; *Franklin's Autobiography*; *Parkman's Oregon Trail*; *Stevenson's Inland Voyage and Travels with a Donkey*; *Sir Roger de Coverley Papers*; *Macaulay's Essay on Warren Hastings*; *Irving's Sketch Book*.

V. *Gray's Elegy* and *Goldsmith's Deserted Village*; *Coleridge's Ancient Mariner* and *Lowell's Vision of Sir Launfal*; *Scott's Lay of the Last Minstrel*; all of *Wordsworth*, *Shelley*, and *Keats* in *Palgrave's Golden Treasury*; *Longfellow's Miles Standish* and *Whittier's Snowbound*; *Tennyson's Gareth and Lynette*, *Lancelot and Elaine*, and *Passing of Arthur*; *Byron's Childe Harold*, *Canto IV*, and *Prisoner of Chillon*.

## *Latin*

Three years in Latin are given in the Preparatory School.

I. PRIMARY LATIN.—This is a five-hour course throughout the first year and embraces all the essentials preparatory to a study of higher Latin.

II. CÆSAR'S GALLIC WAR AND LATIN COMPOSITION.—This course extends through the second year, embracing four books, I-IV. Composition weekly. An effort is made to develop a ready reading knowledge of Latin. Attention is given to pronunciation, word-forms, case-syntax, moods, tenses, and indirect discourse. Military matters and the geography of the texts are emphasized. Five hours a week.

III. CICERO AND COMPOSITION.—This course embraces the four Orations against Catiline. Composition weekly. Thorough grounding in prose construction is aimed at on the linguistic side. Oratorical style, historical and biographical setting are considered.

IV. VIRGIL AND COMPOSITION.—This course embraces four books of Virgil. Composition weekly. Thorough drill in syntax, poetic peculiarities, and prosody are aimed at.

## *History*

One year of History is required of all preparatory students. This is a course in Ancient History, including Oriental, Greek and Roman.

## *Mathematics*

**ALGEBRA B.**—Involution and evolution, exponents, radicals, quadratic equations, equations in the quadratic form, ratio and proportion, variation, and progressions. Five hours throughout the year.

*Text.*—Durell and Robins' School Algebra Complete.

**PLANE GEOMETRY.**—Prerequisite, Algebra A and B. Five books and numerous original exercises taken from other sources. Five hours throughout the year.

*Text.*—Wells' New Plane and Solid Geometry.

## *Science*

**C. ELEMENTARY PHYSICS.**—This course comprises a general survey of the most important principles of Mechanics, Heat, Sound, Light, Magnetism and Electricity. There are four recitations and two two-hour periods of laboratory each week. A good working knowledge of the elements of Algebra and Plane Geometry is indispensable.

*Text.*—Carhart and Chute, "First Principles of Physics."

**B. CHEMISTRY.**—An elementary preparatory course in General Chemistry. Recitations and laboratory work. Second half year.



### *The Museum*

The Cabinet of Natural History Specimens is one of the most interesting features of the institution. The collection has been formed more especially with reference to giving assistance in class room work than to making a display of peculiar relics. It is a working cabinet rather than a collection of curiosities. We find it indispensable as a means of furnishing examples and illustrations for the various branches of natural history.

Among the most valuable specimens may be mentioned:

The collection of minerals containing more than two hundred varieties.

Specimens of limestone, including stalactites, stalagmites, and other formations from the Mammoth, Luray and Wyandot Caves.

A number of rocks, representing igneous, metamorphic, stratified, and glaciated specimens.

A collection of fossils, numbering several hundred, giving a good idea of both animal and vegetable life in the Paleozoic, Mesozoic and Cenozoic eras.

Volcanic Specimens.—The best of which are from the Sandwich Islands and Mount Vesuvius.

Corals.—More than one hundred specimens from the islands of the Pacific and Florida.

Shells.—Comprising more than one hundred and fifty land and water species.

Marine Animals.—Consisting of fishes, starfishes, sea urchins, crabs, etc.

Archaeological Specimens.—More than one thousand in number.

A collection of casts of prehistoric implements, numbering over one hundred specimens, a donation from the Smithsonian Institute. The collection illustrates the development of man through the stone, polished stone, and bronze ages.

Mounted Animals.—One hundred and seventy-five mounted birds and animals. Among them are eleven species of hawks and owls, thirteen species of wild duck taken in North Carolina, a pair of wild turkeys, a buffalo head, a large beaver, a wild cat, two minks, an alligator, and other animals. Also one hundred skins of birds and mammals used in class work.

In collecting for the cabinet great care has been taken to obtain such specimens as will aid in the study of zoology and kindred subjects.

Our cabinet contains more than two hundred varieties of birds' eggs, numbering over 1,200 individuals. This collection includes not only the eggs of our North American birds, but the most prominent orders of South America, Europe, Asia and Africa. The eggs of the guillemots from the Faroe Islands, and the gulls and auks of Labrador and Iceland, are perhaps the most rare. There are also eggs of more than thirty specimens of raptorial birds from the United States, Canada, Mexico, Europe, and Asia.

The ostrich eggs from Africa and the penguin from South America are the most valuable.

We would take this occasion to request any friends of the College, who have material to spare for a cabinet, to donate or deposit it. In either case they will be duly credited, and the specimens will be well cared for and freely used in different departments.

## COLLEGE ORGANIZATIONS

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### *Literary Societies*

The Henry Clay and Websterian are composed of young men, and the Philomathean and the Zetasian of the young women. These societies afford an opportunity for the development of the power of extemporaneous speaking, for training in parliamentary rules, and general culture. The efforts which have been made for improvement during the year are worthy of praise.

### *Religious Purpose*

While under the control of the denomination of Friends, Guilford College is non-sectarian. In accordance with the purpose of the founders, the religious life of the institution has ever been fostered with earnest solicitude, and its religious influence has been positive and in harmony with evangelical Christianity.

Aside from Christian character, no amount of intellectual training can prepare young men and women for usefulness in life. The College, therefore, regards it of the utmost importance that a positive, healthy, religious life be maintained.

Each school day is entered upon with devotional exercises, in which, by reading from the Bible or other suitable works, or by brief talks and such other exercises as seem most appropriate, special effort is made to promote holiness of life.



All students are required to attend the regular meetings for worship held once a week. Prayer meetings are held each week.

*The Y. M. C. A. and Y. W. C. A.*

The Young Men's Christian Association and also the Young Women's, have a large active membership, and exercise a strong and wholesome religious influence. These associations conduct Bible classes, missionary study classes and hold religious meetings; all of which are helpful in maintaining an active religious interest throughout the student body.

*Science Club*

The Joseph Moore Science Club was organized a few years ago to offer opportunity to students and members of the faculty who wish to do special work in science. Meetings are held every two weeks, at which lectures are given or discussions held on important phases of modern science.

*Literary Club*

For the purpose of stimulating interest in literary matters outside the curriculum proper, there is an organization known as the Guilford College Literary Club, which meets every second week during the school year. The meetings are informal, and are participated in by both students and members of the faculty.



*Seminar*

The Biblical Seminar is an organization of young men, who hold bi-weekly meetings, and devote themselves to discussion of topics relating to the work of the Christian ministry.

*Athletics*

The Athletic Association is an organization whose purpose is to have oversight of the athletic interests of the College, embracing all the forms of physical culture maintained at the College, as baseball, basketball, lawn tennis, and track athletics.

*Alumni*

The Alumni Association is organized with the following officers: President, Samuel H. Hodgins, '95; Vice-President, A. K. Moore, '11; Secretary, Anna L. Davis, '13; Treasurer, John B. Woosley, '12; Registrar, Julia S. White, '91.

The purpose is to extend aid to the College in various ways.

A loan fund has been created by the Association for assisting students.

The Association has committees on Athletics, the Campus, Literary Productions, all of which, with the Executive Committee, are engaged throughout the year. The Association publishes the August Bulletin, in which reports of the year's proceedings can be found.

### *Scholarships*

Haverford and Bryn Mawr Colleges each year offer a scholarship to Guilford College. In selecting members of the Senior class to whom shall be awarded these scholarships great weight is given to rank in scholarship, but general excellence of character and promise of future usefulness in society are also taken into account and form part of the grounds upon which candidates for these scholarships are chosen.

#### *Bryn Mawr*

Bryn Mawr College offers each year to the young woman of the graduating class whom the faculty shall recommend a scholarship of the value of \$400.00. The candidate is selected according to the statement above and must have been a student at Guilford College at least two years.

#### *Haverford*

Haverford College offers annually to the young man of the graduating class whom the faculty shall recommend a scholarship of \$300.00. The selection is made on the basis explained and no one will be considered eligible who has not been a student at Guilford College at least two years.

#### *Bible Teachers Training School Fellowship*

The Bible Teachers Training School, of New York City, offers a Fellowship in their School of Theology, to be awarded each year upon recommendation of the

faculty of Guilford College, to a member of their graduating class or to a graduate of not more than five years' standing, whose purpose is to devote his life to Christian service.

The selection will be made on the basis of creditable scholarship, strength of character and personality, evidence of growing ability and limitation of financial resources.

The Fellowship provides board, room and tuition and \$50.00 for the student's incidental expenses. It may be held during the full course of three years. The incumbent must reside at the school, maintain a satisfactory standing in scholarship and engage in a limited amount of active Christian service under the direction of the Practical Work Department.

### *Marvin Hardin*

The Class of 1904, in memory of their esteemed member, Marvin Hardin, whose beautiful life amongst us was brought to a close in October, 1907, have endowed an annual tuition scholarship, the same to be awarded to the Sophomore making the best average in the Sophomore studies, said amount to be available in the spring of the Senior year, and only upon the condition that the student winning the money remain at Guilford during the Junior and Senior years.

## *Prizes*

### *Societies*

The four literary societies, the Websterian, the Henry Clay, the Philomathean, and the Zatasian, each award two prizes every year—an orator's prize and a prize for improvement. These incentives to improvement in debate and composition serve a good purpose in promoting the literary interests of the membership.

### *Freshman*

The Class of 1905 have established a prize to be awarded each year to the member of the Freshman class who delivers the best declamation at a contest held near the close of the year.

## *Honors*

Members of the Freshman and of the Sophomore classes, pursuing a regular amount of work, whose grades do not fall below 90 per cent. in any subject, shall be entitled to "Honors."

Members of the Junior class who receive an average grade of 95 per cent. in their major work and do not receive a grade below 90 per cent. in any subject, shall be entitled to "Special Honors."

Those members of the Senior class who have received "Special Honors" in their Junior year, and whose average grade in the Senior year does not fall below 95 per cent., shall be entitled to "Highest Honors."



No honors shall be bestowed upon a student whose deportment is unsatisfactory.

### *College Paper*

The literary societies publish a weekly paper called *The Guilfordian*, which gives the College news and is a valuable means of keeping the alumni and old students and friends of the College posted as to what is going on at the College.

## EXPENSES

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The charges are made as low as possible. Our patrons will understand that a slight increase over former years is absolutely necessary owing to the increased cost of provisions and fuel. It is believed that the following fees for the year will be seen to be very reasonable.

### *Charges to Boarding Students*

Tuition, College .....	\$ 65.00
Tuition, Preparatory .....	55.00
Registration .....	5.00
Laundry .....	12.00
Library .....	2.00
Room Rent, Cox Hall .....	45.00
Room Rent, Archdale .....	31.50
Room Rent, Founders Hall, 2nd floor .....	40.50
Room Rent, Founders Hall, 3rd floor .....	31.50
Room Rent, New Garden Hall .....	30.00
Room Rent in Cottages .....	18.00
Board in Founders Hall .....	135.00
Board in New Garden Hall (estimated) .....	54.00
Board in Boys' Club (estimated) .....	100.00
Fee for cooking and fuel in Boys' Club .....	22.50
Gymnasium and Physical Training, Boys .....	5.00
Gymnasium and Physical Training, Girls .....	2.50

### *Charges to Day Students*

Tuition, College .....	\$65.00
Tuition, Preparatory .....	55.00
Registration .....	5.00
Library .....	2.00
Gymnasium and Physical Training, Girls .....	2.50
Gymnasium and Physical Training, Boys .....	5.00

It will thus be seen that the entire cost for those who live in Cox Hall and board in Founders Hall is \$269.00 in the college department, or \$259.00 in the preparatory department.

For those who live in Archdale Hall and board in Founders Hall the whole charge in college is \$255.50; in preparatory \$245.50.

For those who live in Founders Hall the entire cost will be in the college department \$262.00 or \$253.00; and in the preparatory department \$252.00 or \$243.00.

For those who live in New Garden Hall the cost will be in college \$170.50, or in preparatory \$160.50.

For those who live in Archdale Hall and board in the Club the cost will be in the college \$243.00; in preparatory \$233.00.

For those who live in the cottages and board in the Club the cost will be in the college \$220.50; and in preparatory \$210.50.

Two studies in the college courses count as college tuition; and for one study in the college and other studies in the preparatory the tuition will be \$60.00.

The Registration fee and the Gymnasium and Physical Training fee are due at the opening of the year or when the student registers. The other regular charges are divided as evenly as possible into four equal payments, due at the beginning and the middle of each term.

The board bill at New Garden Hall and at the Boys' Club must be paid in advance monthly.

The College maintains a book store where all necessary books and stationery may be obtained for cash.

A graduation fee of \$5.00 is charged at the close of the college course.

In case of illness needing a physician the student is charged for medical attention and nursing.

No money will be refunded to students who have withdrawn except in case of disabling sickness.

### *Rooms*

The rooms are comfortably furnished with bed room furniture—single iron beds with mattresses. The students furnish pillows, linen and all covering for their beds; also soap, towels and napkins. Two students occupy the same room in general, except there are several single rooms in Founders Hall. Room rent includes heat and light.

A student who continues in the College may retain the room he already occupies. The order of choice of vacant rooms is made upon an appointed day, of which due notice is given in advance. The upper classes have precedence in this choice. A deposit of \$5.00 is required of all students, old and new, before a room will be reserved. This amount will be deducted from the first payment. In case the student informs the President of the College not later than August 1st that he cannot occupy the room the deposit will be refunded.

### *Laboratory Fees*

The foregoing statements do not include certain laboratory fees which are due in the first payment of each term.



Chemistry A or VI .....	\$4.00
Chemistry I or IV .....	6.00
Other courses in Chemistry .....	7.50
Biology .....	2.50
Astronomy .....	1.00
Surveying .....	1.00
Physics .....	5.00

### *Cost of Instruction in Music*

Piano, two lessons per week, per term .....	\$20.00
Vocal lessons, twice a week, per term .....	20.00
One lesson a week, in either Vocal or Piano .....	12.50
Use of Piano for practice, one period daily, per term ..	2.50
Each additional period, per term .....	2.00
Sight Singing, once a week in class, per term .....	5.00
Certificate for graduation in Music .....	2.00

### *Club Rates for Boarding Young Men*

To meet the demands for less expensive living while gaining an education arrangements have been made by which young men can board at a minimum expense. A dining hall and kitchen have been prepared for this purpose and extra cottages for dormitories. These rooms are furnished with stoves, bedsteads, mattresses, chairs, table and electric lights.

The charge is \$20.25 per term for each student, and this fee covers room rent, and wages of a cook in charge of dining room and kitchen, fuel, lights, and use of bath. Each boy must keep his room in good condition. By special arrangements with the management of the Club, provisions may be furnished from home and their market value received in credit. The cost of this method of boarding is pro-rated and

the average for this year has been about \$9.00 per month. This must be paid in advance each month.

Students who board in this way live well and have the same advantages and privileges about the College and are under the same regulations as those who board in the College.

If young men wish to board in the Club and room in Archdale Hall, where better accommodations are furnished, the charge for room rent, laundry and cooking will be \$30.75 per term for each student instead of \$20.25.

### *New Garden Hall for Young Women*

This hall will accommodate forty-eight girls and is a most excellent hall of residence. Girls are admitted here on the following terms: Each girl agrees to perform her allotted part of the household duties and pay to the treasurer of the College \$15.00 per term for room rent, and to the matron of New Garden Hall the actual cost of board in advance. By special arrangements provisions may be furnished at market prices. In this way the board will be furnished for \$6.00 per month for each girl. Girls in this hall may do their own laundry work. If this work is sent to the College laundry, the cost will be \$12.00 per year.

### *Items for Particular Notice*

Students will be charged from the time of entering until the close of the term, except by special arrangement. In case a student is absent from College on

account of protracted sickness of ten days or more a pro rata part of the money paid will be refunded on presentation of a physician's certificate that he is not able to return. If a student should leave the institution for any other cause, or be expelled or suspended, he will forfeit the money advanced.

All communications relating to financial matters should be addressed to the Treasurer.

Students may elect to room alone. When this is possible, it will be allowed, but the charges will be one-half the regular room rent extra.

Young men who room in Cox Hall must take their meals at Founders Hall.

By special permission students of mature years may board and room outside the College buildings, but such permission gives them no exemption from the regular study hours, attendance at chapel, church services, Bible classes and lectures.

Students arranging for rooms and board are not allowed to change without consent of the President.

Students come under the College regulations on their arrival on the campus, and must register and settle with the Treasurer at the earliest possible moment.

The matron has general oversight of all the household arrangements in all the dormitories, and much care is taken to look after the health and comfort of the students, but each occupant is held responsible for the condition of his room.

When a student registers in the College he thereby takes a pledge to obey willingly and faithfully all the rules and regulations of the College.



Each boarder is allowed three meals each term free for his visiting friends.

Every article of clothing should be plainly marked with the full name of the owner in a permanent form.

Students are met at Guilford College station, on railroad leading from Greensboro to Winston-Salem, at the opening of each term, and conveyed to the College. For conveyance to and from the station, a moderate charge will be made to students, teachers, or visitors.

In order to secure safe and prompt delivery, express packages or postoffice money orders for students should be sent in care of Guilford College.

Telegraph and express offices are established at Guilford College railroad station.

The College has telephone connection with Greensboro and other points on the long distance line.

All students sustain a great loss who are not present at the opening of the term.

Applications for leave of absence or for removal from College should be made by the parent or guardian directly to the President.

While the management of the College will cordially provide for and encourage every kind of physical training, intercollegiate contests when permitted will be subject to such rules and regulations as the Advisory Board of Athletics may provide.



### *Discipline*

It is the aim of Guilford College to help young people toward higher ideals of character. But the College cannot undertake the task of a reform school, and jeopardize its earnest students by the presence of some with depraved minds and harmful habits. Those who are unwilling to comply cheerfully with reasonable requirements need not apply for admission, for, if admitted, they will be promptly disciplined upon showing a rebellious attitude toward the rules of the College.

It is understood that when students enter the College they do so for the purpose of persistent work, and that they will render due respect to the regulations, all of which are intended to promote the general welfare of the College and to give to each person on the campus free opportunity to use all the advantages offered. We want to create and foster such an atmosphere so that it will be hard to do wrong rather than hard to do right. Any conduct on the part of any student harmful to the moral tone of the College will render such student liable to dismissal. Parents may be asked at any time to withdraw students whose work is unsatisfactory or whose conduct is out of harmony with the College.

Occupants are held responsible for disorders occurring in their rooms, and any misappropriation, damage or defacement of furniture or buildings, beyond necessary wear and tear, will be charged to the Athletic Association Contingent Fund unless settled by the person doing the damage as required.

The reading of pernicious literature, the use of intoxicating drinks, habitual indulgence in profane language, carrying pistols, or other dangerous weapons, would be considered grave offenses and treated accordingly. Gunning is not allowed.

The effect of tobacco on the minds and bodies of the young is so injurious that the College takes all proper means to discourage its use, and will not allow it on the grounds or around the buildings. If any students persist in using it elsewhere, their standing will thereby be lowered and so entered on their records.

## STUDENTS

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An asterisk (\*) indicates that a student is not in full class standing. See Deficient Students, page 25.

### GRADUATE

Fox, Mary Willard ..... Guilford College, N. C.

### SENIORS

Armstrong, Hazel Graham ..... Hobgood, N. C.  
Beeson, John Henry ..... Randleman, N. C.  
Carroll, Edwin Blaine ..... Mizpah, N. C.  
Coble, Lovella Ruth ..... Guilford College, N. C.  
Garner, Jesse Philip ..... ..Hill's Store, N. C.  
Gray, Lillene Oma ..... High Point, N. C.  
Lassiter, Maude Elizabeth ..... Mechanic, N. C.  
McGehee, Sallie Rachel ..... Jamestown, N. C.  
Moore, Ezra Alexander ..... Dudley, N. C.  
Newlin, Rhesa Lancaster ..... Saxapahaw, N. C.  
Shamburger, Mary Ina ..... Star, N. C.  
Speas, Ethel Maie ..... Winston-Salem, N. C.  
Stanley, Jesse Betts ..... Guilford College, N. C.  
Stuart, Lyndon Everett ..... Snow Camp, N. C.  
Taylor, Grace Pemberton ..... Danbury, N. C.  
Valentine, Itimous Thaddeus ..... Spring Hope, N. C.

### JUNIORS

Brown, Deborah Mary ..... Woodland, N. C.  
Clegg, Agnes Marie ..... Guilford College, N. C.  
\*Cronk, Gertrude Darden ..... Pickering, Ontario, Canada  
\*Fort, Elbert William ..... Fork, S. C.  
Grissom, Lawrence ..... Greensboro, N. C.  
Hinshaw, Ira ..... Randleman, N. C.  
\*Jackson, David Houghton ..... Guilford, N. C.  
Jones, John Benbow ..... Winston-Salem, N. C.  
Morris, Addie Irene ..... Kernersville, N. C.  
Pike, Bernice Elizabeth ..... Liberty, N. C.  
Raiford, Ellen Tabitha ..... Ivor, Va.

## JUNIORS—Continued

- \*Reddick, Joseph Gray ..... Trinity, N. C.  
 Smith, Anderson Jones ..... Black Creek, N. C.  
 Smith, Samuel Clement ..... Guilford College, N. C.  
 Stanley, Leah Ellen ..... Guilford College, N. C.  
 Stanley, Ruth Rebecca ..... Guilford College, N. C.  
 \*Sutton, Chester McKinley ..... Summerfield, N. C.

## SOPHOMORES

- \*Bird, Georgianna Marie ..... Thomasville, N. C.  
 \*Blaylock, Evelyn Rodgers ..... Guilford, N. C.  
 Byerly, Wesley Grimes ..... Cooleemee, N. C.  
 Cameron, Daniel David Shields ..... Southern Pines, N. C.  
 Coltrane, Ruth ..... Sophia, N. C.  
 \*Faucette, Dorothy Louise ..... Burlington, N. C.  
 \*Fitzgerald, Paul Vincent ..... Pelham, N. C.  
 \*Frazier, Robert ..... Greensboro, N. C.  
 \*Hobbs, Gertrude Mendenhall ..... Guilford College, N. C.  
 Hockett, Eula Eugenia ..... Pleasant Garden, N. C.  
 \*Hussey, William Wade ..... Ashboro, N. C.  
 \*Kiser, Roger Clinton ..... King, N. C.  
 \*Lewallen, Beatrice Guelda ..... Ashboro, N. C.  
 \*McPherson, Paul Vestal ..... Liberty, N. C.  
 \*Macon, Clarence Monroe ..... Climax, N. C.  
 Mendenhall, Paul Alpheus ..... Monroe, N. C.  
 \*Miller, Wayne Jackson ..... Ashboro, N. C.  
 \*Mitchell, James Warren ..... Guilford College, N. C.  
 \*Moton, Totten Zella ..... Fallston, N. C.  
 Patterson, Hobart McKinley ..... Burlington, N. C.  
 Shelton, Charles Burton ..... Pilot Mountain, N. C.  
 \*Smith, Dalton Edward ..... Trinity, N. C.  
 \*Stout, Connie Jarrell ..... Greensboro, N. C.  
 Townsend, Folger LaFayette ..... Reidsville, N. C.  
 \*Tremain, Lindley Ernest ..... Brown Summit, N. C.  
 \*White, John Gurney ..... Guilford College, N. C.  
 \*White, Joseph Dixon ..... Guilford College, N. C.  
 White, Sherley Nathaniel ..... Germanton, N. C.  
 \*Williard, Hervie Nicola ..... High Point, N. C.



## FRESHMEN

Babb, Emerson Macaulay .....	Ivor, Va.
Barnes, Bonnie Maie .....	Ivor, Va.
*Barrett, Leslie Howard .....	Ashboro, N. C.
Braxton, Everette Ashburn .....	Snow Camp, N. C.
Bulla, Robert Chapman .....	Randleman, N. C.
*Byrd, Josephus Leonard .....	Holland, Va.
*Campbell, Katherine .....	New Decatur, Ala.
*Casey, Luby Randolph .....	Goldsboro, N. C.
*Caviness, William Branson .....	Morehead City, N. C.
*Chilton, Alma .....	Danbury, N. C.
*Clodfelter, Vira Viola .....	Thomasville, N. C.
Cloud, Melinnie Thelma .....	Ivor, Va.
Coble, Mary Eleanora .....	Guilford College, N. C.
*Copeland, Mary Ella .....	Woodland, N. C.
*Cox, Jessie Lee .....	Pisgah, N. C.
Cruthehfield, Hattie Eugenia .....	Guilford, N. C.
*Edgerton, Emmett .....	White Plains, N. C.
Fairecloth, Gladys Fithian .....	Ivor, Va.
*Finch, Edward Wray .....	Guilford College, N. C.
*Fox, Norman Albright .....	Guilford College, N. C.
*Hayworth, Dovie Mae .....	High Point, N. C.
*Henley, Annie Maie .....	Guilford College, N. C.
Hollowell, William Edward .....	Dunellen, N. J.
*Hubbard, Dorothy .....	Farmer, N. C.
Hubbard, Julius Cicero .....	Wilkesboro, N. C.
*Huffines, Henry Wakefield .....	Guilford College, N. C.
*Lassiter, Carl Clayton .....	Mechanic, N. C.
Lindley, Mary Alta .....	Snow Camp, N. C.
*Lineberry, Richard Arthur .....	Siler City, N. C.
*McBane, Alice Donna .....	Saxapahaw, N. C.
*McBane, Vera Joy .....	Snow Camp, N. C.
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*McKoin, Charles Clayton .....	Guilford College, N. C.
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*Moore, Hugh Watson .....	Dudley, N. C.
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Galdo, Sarah .....	Havana, Cuba
Galdo, Teresa .....	Havana, Cuba
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Hamilton, Troy .....	High Point, N. C.
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Lindley, Flavius Bingham .....	Siler City, N. C.
Lindley, Genevieve .....	Snow Camp, N. C.
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McCracken, Wendell .....	Guilford, N. C.
Mackie, Sallie Geneva .....	Guilford College, N. C.
Marshall, Annie Rooney .....	Westfield, N. C.
Massey, Moulton Braxton .....	Princeton, N. C.
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Moore, Henry Clem .....	Stokesdale, N. C.



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Moton, Beulah Estelle .....	Fallston, N. C.
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Phillips, Morris William .....	Lexington, N. C.
Pickett, Parks Wretzel .....	Liberty, N. C.
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Reed, Durward Felton .....	Hertford, N. C.
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Robbins, Margaret Elizabeth .....	Guilford College, N. C.
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Wakefield, Treva Lindsay .....	Guilford College, N. C.
Walser, Donald Adderton .....	Lexington, N. C.
Walser, Zeb Vance, Jr. ....	Lexington, N. C.
Westmoreland, Ernest .....	Rural Hall, N. C.
Wharton, Bert McDonald .....	Florence, N. C.
Wharton, Guy Leon .....	Florence, N. C.
White, Berry Lee .....	Belvidere, N. C.
Williard, Glenn Norfleet .....	Winston-Salem, N. C.



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Wilson, Jesse Meadow .....	Hertford, N. C.
Winningham, James Lyndon, Jr. ....	Greensboro, N. C.
Zachary, Jonathan Thompson .....	Snow Camp, N. C.

## MUSIC

Blair, Clara .....	High Point, N. C.
Bondurant, Annie .....	Guilford College, N. C.
Bondurant, Roy Suel .....	Guilford College, N. C.
Boone, Ruby Atna .....	Stokesdale, N. C.
Bulla, Robert Chapman .....	Randleman, N. C.
Burke, Tama .....	Goldston, N. C.
Clark, Mary Mildred .....	Washington, D. C.
Cloud, Thelma .....	Ivor, Va.
Coggins, Etta Lois .....	Guilford College, N. C.
Coggins, Leona Maie .....	Guilford College, N. C.
Cox, Mary Julia .....	Dudley, N. C.
Crews, Thomas Albert, Jr. ....	Walkertown, N. C.
Crutchfield, Hattie Eugenia .....	Guilford, N. C.
Dix, Burtie Ellen .....	Westfield, N. C.
Finch, Clyde .....	Henderson, N. C.
Finch, Willie Mildred .....	Henderson, N. C.
Fort, Elbert William .....	Fork, S. C.
Frazier, Gracette .....	Guilford College, N. C.
Galdo, Isabel .....	Havana, Cuba
Galdo, Sarah .....	Havana, Cuba
Galdo, Teresa .....	Havana, Cuba
Gentry, Susan .....	Mount Airy, N. C.
Gorrell, Mary .....	Greensboro, N. C.
Hamilton, Ruth Almira .....	High Point, N. C.
Henley, Annie Maie .....	Guilford College, N. C.
Kearns, William Wade .....	Ashboro, N. C.
Lindley, Ethel .....	Siler City, N. C.
Marshall, Annie Rooney .....	Westfield, N. C.
McBane, Alice Donna .....	Saxapahaw, N. C.
McCracken, Ada Lea .....	Guilford, N. C.
McCracken, Clara Louise .....	Guilford College, N. C.
McCracken, Frances Willard .....	Guilford College, N. C.
Moton, Beulah Estelle .....	Fallston, N. C.
Morris, Addie Irene .....	Kernersville, N. C.

**MUSIC—Continued**

Reynolds, Edith .....	Guilford College, N. C.
Robbins, Annie May .....	Guilford College, N. C.
Robbins, Louise .....	Guilford College, N. C.
Robbins, Margaret Elizabeth .....	Guilford College, N. C.
Russell, Bertha .....	Guilford College, N. C.
Smith, Iola .....	Goldsboro, N. C.
Taylor, Grace Pemberton .....	Danbury, N. C.
Wakefield, Treva Lindsay .....	Guilford College, N. C.
Walters, LaVerna .....	Siler City, N. C.
Williamson, Lillie .....	Salemburg, Va.

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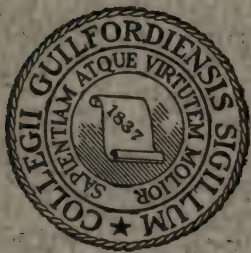
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APRIL, 1918

No. 1

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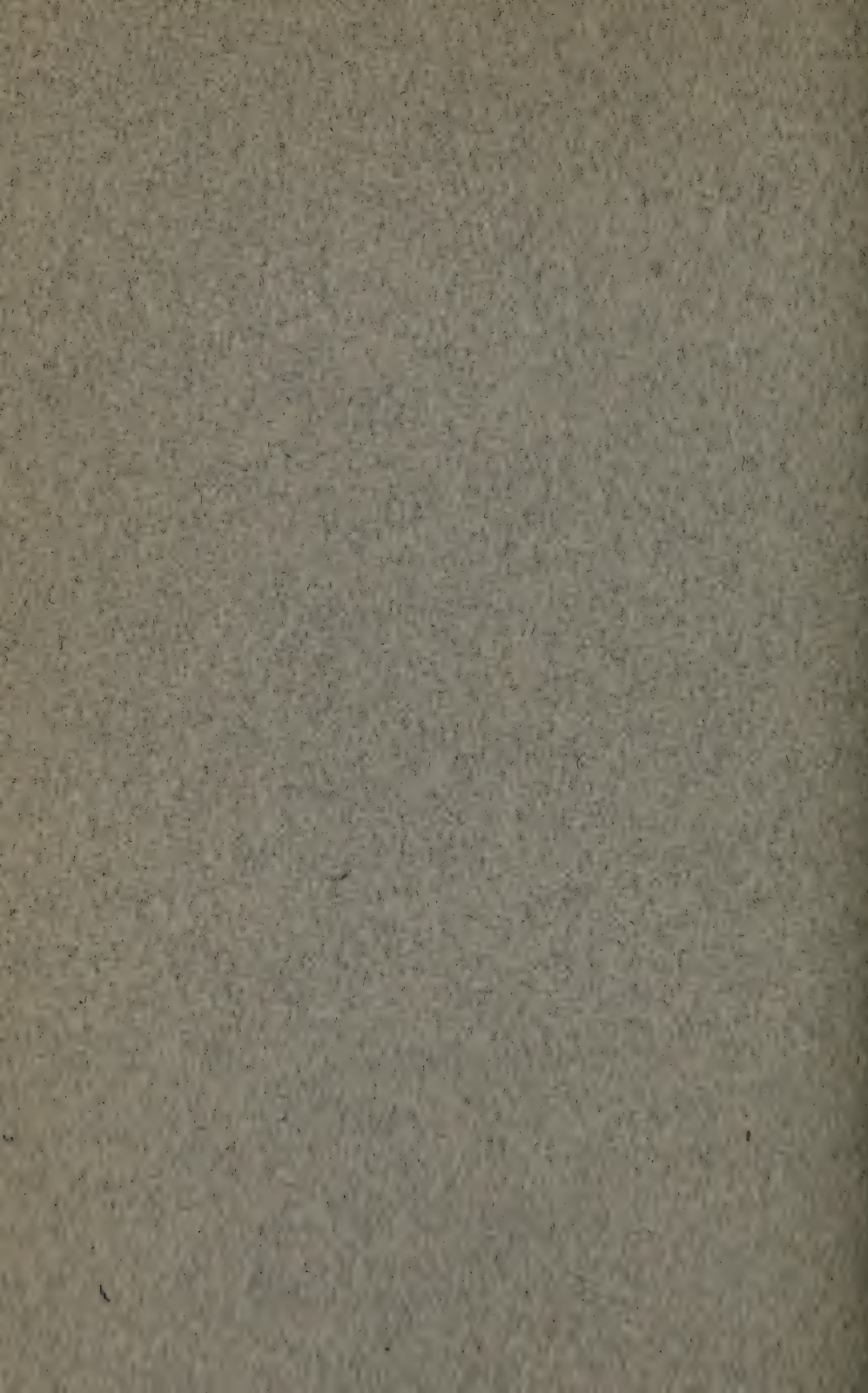


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# GUILFORD COLLEGE BULLETIN

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CATALOGUE NUMBER  
1917-1918

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PUBLISHED QUARTERLY BY GUILFORD COLLEGE  
GUILFORD COLLEGE, N. C.

1918							1919													
JULY							JANUARY							JULY						
S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S
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8	9	10	11	12	13	14	8	9	10	11	12	13	14	7	8	9	10	11	12	13
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29	30	31	..	..	..	..	29	30	..	..	..	..	..	28	29	30	31	..	..	..

# CALENDAR

## *Eighty-Second Academic Year*

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1918

September 3rd ..... Beginning of the Session  
Registration and Classification  
September 2nd, 3rd, 4th ..... Opportunity for Removing  
Deficiencies by Re-examination  
September 4th, Wednesday, 8:20 a. m. .... Recitations Begin  
November 2nd ..... First Quarter Ends  
November 28th, 29th ..... Thanksgiving Recess  
December 7th ..... Zatasian Oratorical Contest  
December 20th, 4:00 p. m. .... Christmas Recess Begins

1919

January 7th, 9:15 a. m. .... Recitations Resumed  
January 13th-18th ..... Mid-Year Examinations  
January 20th ..... Second Term Begins  
February 8th ..... Websterian Oratorical Contest  
March 8th ..... Examinations for Removing Conditions  
March 22nd ..... Third Quarter Ends  
April 21st ..... Easter Holiday  
April 26th ..... Philomathean Oratorical Contest  
May 10th ..... Henry Clay Oratorical Contest  
May 19th-24th ..... Final Examinations  
May 25th ..... Baccalaureate Service  
Sermon Before the Christian Associations  
May 26th ..... Senior Class Day  
Annual Meeting of the Alumni Association  
May 27th ..... Commencement Day  
Conferring of Degrees  
Commencement Address

## *Board of Trustees*

---

	<i>Term expires</i>
J. Elwood Cox, High Point, N. C. ....	1918
Jeremiah S. Cox, Greensboro, N. C. ....	1918
C. P. Frazier, Greensboro, N. C. ....	1919
E. C. Mendenhall, High Point, N. C. ....	1919
John B. Griffin, Woodland, N. C. ....	1920
David White, Greensboro, N. C. ....	1920
J. Van Lindley, Pomona, N. C. ....	1921
Chas. F. Tomlinson, High Point, N. C. ....	1921
N. C. English, Trinity, N. C. ....	1922
Wm. T. Parker, High Point, N. C. ....	1922
Henry A. White, High Point, N. C. ....	1923
D. Ralph Parker, High Point, N. C. ....	1923

David White, *Secretary*  
J. Elwood Cox, *Chairman*

---

## *Advisory Committee*

### *Appointed by the Yearly Meeting*

---

	<i>Term expires</i>
Mary M. Petty, Greensboro, N. C. ....	1918
Gertrude W. Mendenhall, Greensboro, N. C. ....	1918
Bertha Cox, High Point, N. C. ....	1918
Mary D. Cox, High Point, N. C. ....	1919
Mary E. M. Davis, Guilford College, N. C. ....	1919
Olive W. Newlin, Guilford College, N. C. ....	1919
Priscilla B. Hackney, Greensboro, N. C. ....	1920
Roxie D. White, Guilford College, N. C. ....	1920
Sandia Lindley, Pomona, N. C. ....	1920



## *Standing Committees of the Trustees*

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*Literary Department*—C. F. Tomlinson, David White, H. A. White.

*Boarding Department*—C. P. Frazier, D. Ralph Parker, E. C. Mendenhall, J. Van Lindley.

*Farm*—W. T. Parker, N. C. English, E. C. Mendenhall, J. Van Lindley.

*Auditing and Finance*—J. S. Cox, H. A. White, John B. Griffin.

*Campus and Forestry*—J. Van Lindley, David White, D. Ralph Parker, E. C. Mendenhall.

*Lights, Water and Heat*—H. A. White, J. S. Cox, W. T. Parker.

*Endowment Fund*—N. C. English, Chairman; J. Elwood Cox, Treasurer; J. S. Cox, C. P. Frazier, H. A. White.

*Committee to Confer with Committee from Yearly Meeting*—J. S. Cox, N. C. English, C. P. Frazier.

## FACULTY

---

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HOWARD HAINES BRINTON, *Chairman*

LEWIS LYNDON HOBBS

ALMA T. EDWARDS

LEWIS LYNDON HOBBS, A. M., LL. D.

#### EDUCATION

A. B., Haverford College, 1876; A. M., Haverford College, 1883; LL. D., University of North Carolina and Haverford College, 1908; Principal New Garden Boarding School, 1878-1884; President Guilford College, 1888-1915; President Emeritus, since 1915.

JAMES FRANKLIN DAVIS, A. M.

#### GREEK AND BIBLICAL LITERATURE

A. B., Haverford College, 1875; A. M., Haverford College, 1879; Graduate Student Johns Hopkins University in German and Greek, 1877; Student in Germanic Philology, Universities Leipzig and Strasburg, 1879-1880; Assistant Professor Haverford College, 1877-1879; Professor of Greek, Guilford College, since 1888.

H. LOUISA OSBORNE, A. B.

#### LATIN AND HISTORY

A. B., Earlham College, 1887; Student State Normal of Indiana, 1887-1888; Student Chautauqua, New York, Summers 1888-1895, 1902-1904-1909; Teacher Vermilion Academy, Ill., and Bloomingdale Academy, Ind., 1888-1892; Assistant in Latin, Guilford College, since 1892.

HOWARD HAINES BRINTON, A. M.

#### MATHEMATICS

A. B., Haverford College, 1904; A. M., Haverford College, 1905; A. M., Harvard University, 1909; Mathematical Master, Pickering College, Canada, 1909-1915; Professor Mathematics, Guilford College, since 1915.

MARK BALDERSTON, A. B.

#### PHYSICS

A. B., Haverford College, 1912; Student Harvard University, 1912-1913; Instructor Lafayette College, 1913-1915; Professor of Physics, Guilford College, since 1915.

## ALMA TAYLOR EDWARDS, A. B.

## ASSISTANT IN LATIN AND MATHEMATICS

A. B., Guilford College, 1907; Bryn Mawr College, 1907-1908; Assistant in Latin and Mathematics, Guilford College, since 1914.

## JENNIE WILSON PAPWORTH, B. Mus.

B. Mus., University of Illinois, 1909; Student of Music, Cleveland, Boston, New York; Student in Paris, Summer of 1904; Director of Music, Guilford College, 1905-1908; Teacher, Organist and Choir Director, St. Paul's Episcopal Church, E. Cleveland, 1910-1914; Teacher, South End Music School, Boston, 1914-1915; Piano, Guilford College, since 1915.

## ELIEZER PARTINGTON, A. B.

## ENGLISH

A. B., Earlham College, 1904; Teacher of English, Pacific College, Newberg, Oregon, 1904-1906; Teacher of English, Oakwood Seminary, 1906-1916; Principal Oakwood Seminary, 1914-1916; Summer School, Syracuse University, 1916; Professor of English, Guilford College, since 1916.

## CARLETON BAILEY EDWARDS, A. M.

## CHEMISTRY

B. S., Earlham College, 1915; Assistant in Chemistry, Earlham College, 1915-1916; A. M., Earlham College, 1917; Professor of Chemistry, Guilford College, since 1916.

## WILLIAM CONRAD GUESS, A. B.

## HISTORY AND ECONOMICS

A. B., University of North Carolina, 1911; Principal Bethania High School, 1911-1914; Graduate Student in History, Political Economy and Political Science, The Johns Hopkins University, 1914-1917; University Scholar, *ibid.*, 1914-1915; Johns Hopkins Scholar, *ibid.*, 1915-1916, 1916-1917; Professor of History and Economics, Guilford College, 1917-

## J. SPEED ROGERS, M. A.

Student Hanover College, 1911-1914; A. B., University of Michigan, 1915; M. A., *ibid.*, 1916; Research Work, 1916-1917; Teaching Assistant, Zoology, University of Michigan, 1915-1916, 1916-1917; Professor of Biology, Guilford College, since 1917.

## ANNA WILKINS ROBERTS, A. B.

## FRENCH

A. B., Bryn Mawr, 1915; Principal Plymouth Friends School, 1915-1917; French and German, Guilford College, since 1917.

BESSIE V. NOLES, A. B.

HOME ECONOMICS

A. B., Bessie Tift College, 1906; Teachers College Columbia University, 1915; Librarian and Instructor Bessie Tift College, 1906-1914; Teacher of Home Economics, Salem College, 1915-1917; Teacher of Home Economics, Guilford College, since 1917.

J. EDGAR WILLIAMS

HOMILETICS AND PASTORAL WORK

ROBERT S. DOAK, A. B.

PHYSICAL DIRECTOR

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### *Undergraduate Assistants*

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HATTIE E. CRUTCHFIELD

MUSIC

J. WARREN MITCHELL

CHEMISTRY

DAVID H. JACKSON

CHEMISTRY

GERTRUDE D. CRONK

BIOLOGY

ELLEN T. RAIFORD

ASSISTANT IN LIBRARY

A. MARIE CLEGG

ASSISTANT IN LIBRARY



*Officers of Administration*

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*EXECUTIVE COMMITTEE*

HOWARD HAINES BRINTON, *Chairman*

LEWIS LYNDON HOBBS

ALMA T. EDWARDS

MARK BALDERSTON

DEAN

MAUDE L. GAINNEY

TREASURER

JULIA S. WHITE

LIBRARIAN

E. EDGAR FARLOW

BUSINESS MANAGER

SARAH E. BENBOW

MATRON

ALMA T. EDWARDS

REGISTRAR

LOIS J. CLARK

SECRETARY

BURTIE E. DIX

MATRON NEW GARDEN HALL

LUELLA A. KNIGHT

MATRON BOYS' CLUB

## *Faculty Committees*

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*Executive*—Prof. Brinton, Dr. Hobbs, Miss Edwards.

*Absences*—Profs. Brinton, Balderston and Edwards, Miss Osborne, Miss Edwards.

*Library*—Profs. Davis, Partington, Guess, Miss Julia White, Miss Edwards.

*Athletics*—Profs. Balderston, Brinton, Edwards, Rogers, Doak.

*Girls' Athletics*—Miss Edwards, Miss Roberts, Miss Noles.

*Discipline*—Profs. Brinton, Balderston, Hobbs, Miss Edwards, Miss Osborne.

*Social*—Miss Osborne, Miss Roberts, Miss Noles, Profs. Brinton and Guess.

*Credentials*—Profs. Balderston, Partington, Rogers, Miss Edwards, Miss Roberts.

*Publications*—Profs. Brinton, Balderston, Hobbs, Miss Edwards.

*Examinations*—Miss Noles, Miss Roberts, Profs. Edwards and Guess.

*Campus*—Dr. Hobbs, Mr. Farlow, Prof. Brinton, Miss Benbow.

*Debate and Lectures*—Profs. Guess, Brinton and Balderston.

## *HISTORICAL SKETCH*

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### *New Garden Boarding School*

The Society of Friends was among the earliest religious bodies to organize a church in North Carolina. Their church records embrace a period of two hundred and nineteen years. In 1696-1698, John Archdale, an English Friend, was Governor of the Colony of North Carolina and South Carolina. George Fox, the founder of the Society of Friends, spent a short time in North Carolina in 1672, and was received with great favor by the colonial officials.

The appeal which the Friends made to each individual in meetings for worship and in all church responsibility naturally called for an educated membership—a true democracy. Accordingly we find among the Friends of our state early discussions of educational needs and a concern arose in the yearly meeting in 1833 for better schools. The eloquent Jeremiah Hubbard pleaded for this cause, and Nathan Hunt, of sacred memory, took the subject under his protecting care. His appeals in behalf of a central school aroused the interest of many Friends in other states, and notably of George Howland, of New Bedford, Mass. The decision was reached to found a boarding school of high grade to meet the needs of the young people. As a result the present Founders Hall was erected, a substantial, two-story brick building, offering accommodations to both boys and girls.

Thus was founded New Garden Boarding School, which was opened on the first day of August, 1837, there being present the first term fifty students—twenty-five boys and twenty-five girls—and it has been operated from that day forward with no interruption, even during the Civil War.

### *Guilford College*

After fifty-two years of New Garden Boarding School there was a demand for expansion and extension of the course of study. This led to the organization of Guilford College, which was chartered by the state in 1888, with authority to confer academic degrees upon the completion of a college course.

### *Location*

The founders of the school were careful to select a central locality, well reputed for healthfulness of climate, removed from immoral influences or distractions of any kind. A farm six and one-half miles west of Greensboro was chosen in the midst of a progressive neighborhood. The College is one mile from the railroad station, on the line from Greensboro to Winston-Salem. Here the School and College were founded in the midst of a most beautiful campus of more than thirty acres, well set in native oaks, gums and poplar trees. For nearly eighty years the institution has flourished and developed.



## *Material Equipment*

### *Farm and Campus*

The College property consists of two hundred and ninety acres of campus, field and woodland. The campus and athletic fields occupy about thirty acres. About half of the remainder has been cleared, most of which has been built up by a splendid system of cultivation. A fine herd of carefully selected grade Guernsey cattle is housed in a well appointed dairy barn to the east of the campus. The college table is supplied abundantly with milk and butter of the highest grade. An increasing effort is being made by the farm management to supply the major portion of the vegetables and fruits, both fresh and canned, which the college family uses during the year. The farm and dairy equipment and management are thoroughly modern in every respect and are valuable object lessons for students interested in agriculture.

The campus with its fine old oaks is the peer of any in the state. About it in a large quadrangle are grouped the ten principal buildings, all of which, except the gymnasium, are of brick, thoroughly substantial and unusually pleasing in appearance.

### *Founders Hall*

On entering the grounds at the 1909 gateway one sees the white pillars of Founders Hall at the end of the long vista down the drive. This is the oldest building of the group. It was erected in 1837. In 1908 it was entirely remodeled and the second and

third floors equipped as a modern dormitory for girls. On the first floor are the dining room, the halls of the Philomathean and Zatasian Literary Societies, the Matron's rooms, reception rooms, book store and offices of the Guilfordian, the College Treasurer, and the Business Manager. On the second floor is a large assembly room for the Young Women's Christian Association.

### *Archdale Hall*

This hall was erected in 1886 and was named in memory of the Quaker Governor, John Archdale. It is used as a boys' dormitory and will comfortably accommodate forty-eight young men.

### *Y. M. C. A. Hall*

This hall was built in 1891 to accommodate the Young Men's Christian Association. Recently the interior of this building has been remodeled. The Y. M. C. A. room has been enlarged and improved. The upper floor has been made into two handsomely equipped literary society rooms, for the Websterian and Henry Clay Societies.

### *Memorial Hall*

Benjamin N. and James B. Duke, who were educated at New Garden Boarding School, gave ten thousand dollars with which to erect a hall to accommodate the Science departments and also to supply an auditorium. This building was erected in 1897, and is named Memorial Hall, in memory of their sister, Mary Elizabeth Lyon.

This building contains the President's office, the Dean's office, the chemistry laboratory and lecture rooms, the biology laboratory, the home economics laboratory, the music department, the auditorium, and the museum.

### *New Garden Hall*

This building was erected in 1907 by the Girls' Aid Committee of North Carolina Yearly Meeting to meet the needs of the girls who desire an education, and who are willing to help themselves by doing their own work, thus lessening their expenses. The hall has every convenience of a modern home. It has rooms for forty-eight girls, besides a reception room and living rooms for the matron.

### *The Library*

This building was erected in 1909 with the aid of a donation by Andrew Carnegie. It is modern in all its appointments, having a fire-proof stack room, with steel shelving, and a large vault in which are stored many valuable manuscripts of North Carolina Quaker annals. The reading room is large and well lighted and is an ideal place for study.

The Library was destroyed by fire in 1908, only about one thousand volumes being saved. The primary object in restocking the Library has been to make it most available for use, hence our facilities for reference work are especially worthy of comment. The Library is intended to be, and is well fitted to be, the workshop of the College, the center of its intellectual life.



There are now over ten thousand volumes in the Library and these are in use daily by students and persons connected with the College. A large donation has come recently, consisting of the entire library of Anna Yarnall, of Philadelphia. The reading room is well supplied with the state papers, and the best of magazines and periodicals representing general literature and the special departments.

### *King Hall*

The present King Hall is the third building so named, the former two having been destroyed by fire. The building as now constructed contains eight large class rooms, and the Physics Laboratory.

### *Cox Hall*

Cox Hall is a dormitory for young men. The three centre sections were built in 1912 and two new sections were added in 1917. This building will accommodate 104 students. The sections have separate entrances and are divided from each other by solid fireproof walls. On each floor of each section there are four rooms, and each group of four has its own shower bath and lavatory. There is hot and cold water in each room. In the basement is a locker room and shower baths for day students and visiting athletic teams. No expense has been spared to make Cox Hall artistic both inside and out and to provide it with every modern convenience.



### *The Church*

The large meeting house was erected in 1912 to accommodate the sessions of the Yearly Meeting. It serves for the regular religious meetings of the College community.

### *The Gymnasium*

The Gymnasium contains an excellent basketball floor 50 x 76 feet. There are two galleries giving ample room for spectators at intercollegiate contests.

### *Athletic Fields*

The athletic equipment is large enough to enable every student in College to secure an abundance of outdoor exercise.

The Hobbs Athletic Field is a carefully graded tract of ground of three acres, perfectly adapted to football, soccer, baseball and track. It is surrounded by a quarter mile running track with a 100-yard straightaway.

There are ten sand-clay tennis courts on the campus, giving ample room for all to play who desire to do so.

The girls' athletic grounds are situated to the west of New Garden Hall and comprise tennis courts and a basketball field.

### *The Laboratories*

The College possesses four laboratories: Chemistry, Physics, Biology, and Domestic Science. These laboratories, comfortably situated in large, well lighted rooms, are well equipped with modern apparatus and offer every facility for elementary or advanced work.

All the College buildings are heated with steam and lighted with electricity. The College possesses its own electric light and heating plant. The supply of pure water from a well 364 feet deep is a means of promoting good sanitary conditions. An elaborate sewage disposal plant has recently been installed. The location of the College in the Piedmont section of the state, one thousand feet above the sea, may be considered part of the material equipment.

The various material resources outlined above have been made possible by the generosity and aid of a large circle of friends of Guilford College, and everything has been done with a view to giving young women and young men a healthful and stimulating place at which to spend a few years in substantial educational work and training.

These equipments represent a pretty large outlay of money and thought, and show that the management has in mind the development and maintenance of an educational center that shall stand for all that is best in physical, intellectual and moral training. These buildings and their furnishings are intended to be a solid basis for genuine and thorough educational work, and to show to students and to the public that those who are most vitally responsible for the outcome and general effect of Guilford believe nothing is too good or too expensive that is to go into the moulding of the minds and characters of the young people of our country; that these people deserve the best possible opportunity to become all they are capable of becoming, for their own sakes and for the sake of all those whose lives they will in any way affect.

### *Policy and Ideals*

The founders of the College desired to establish an institution where a broad liberal culture might be secured with homelike surroundings and under religious influences. The history of the College has continuously demonstrated that these ideals have been attained to an unusual degree. An education which has for its sole object the increasing of the earning power of the student has no place at Guilford, for while this object is not lost sight of in the rigid mental training that is given and in the various professional courses which are offered, yet an earnest effort is made to combine with an increase in ability an increase in spiritual insight and a widening of the mental horizon.

Although Guilford College cannot properly be classed as a professional school, yet the College is abundantly prepared to give in its well equipped and up-to-date laboratories, thorough scientific training for advanced professional study. The immature student gains the advantage of the intimate personal oversight of the faculty such as is possible in a small college only.

In accordance with the ideals outlined above, the course is designed to include something of every important phase of human knowledge, but the requirement is also made that one subject be studied with sufficient thoroughness to make that a life work if desired.

A good many Guilford students teach and the excellent reputation which the graduates of the College have acquired in this work has been due to the



fact that it is insisted on that a student is not prepared to teach unless a thorough knowledge of the subject to be taught is gained. A sufficient number of courses in education are offered to give the student a proper professional training and satisfy all the State requirements, but these courses are not multiplied at the expense of those subjects which make a well stocked mind the greatest asset in a school room.

Thoroughness in all things and a serious effort to avoid all sham and pretense have characterized the policy of the College since the beginning.

### *Religious Exercises*

Although under the control of the denomination of Friends, Guilford College is non-sectarian. In accordance with the purpose of the founders, the religious life of the institution has ever been fostered with earnest solicitude, and its religious influence has been positive and in harmony with evangelical Christianity.

Each school day is entered upon with devotional exercises, in which, by reading from the Bible or other suitable works, or by brief talks and such other exercises as seem most appropriate, special effort is made to promote a positive healthy religious life.

All students are required to attend the regular meetings for worship held once a week.

The Y. M. C. A. and Y. W. C. A., in which nearly every student is enrolled, are very active organizations, and through their bi-weekly meetings, Bible



classes, mission study classes, etc., exercise a most profound and helpful influence.

### *Endowment*

The encouragement to make still greater provision for the future which has been received from a wide circle of friends and philanthropists, has led to more earnest efforts to increase the efficiency of the College by adding to the permanent funds. From an early period the school has had assistance in a financial way; but in more recent years the donations to the endowment have been greatly augmented.

In 1905, an appeal was made to Andrew Carnegie and he responded by giving \$45,000 to be used as a permanent fund. The same year Dr. D. K. Pearsons gave to the College \$25,000 as an endowment to stand for the memory of his friend, Dr. Oliver Woodson Nixon, of Chicago, who was a native of Guilford County, North Carolina. The same year, also, Benjamin N. and James B. Duke gave \$15,000 to the endowment, making their total donations to Guilford \$25,000. Among the benefactors is Samuel Hill, who gave \$5,000 in memory of his father, Nathan B. Hill, and \$6,000 subsequently for improvements in buildings and grounds. Dr. Alfred H. Lindley, of Minneapolis, created a fund of \$5,000 to the memory of his daughter, Ella Lindley. In 1904-1905 a fund of \$12,000 was established to the memory of Harriet Green, an English Friend who labored much in the Gospel among the Friends of America. The Francis White Fund of \$5,000 is in memory of Francis White, who,

in his lifetime, gave assistance and great encouragement to the work of education in North Carolina.

The Jonathan E. Cox Fund of \$3,000 was established by his son, J. Elwood Cox—endowment.

The Marvin Hardin Fund of \$1,300 was established in memory of Marvin Hardin by the Class of 1904—a scholarship fund.

The William Johnson Fund of \$1,500—a scholarship fund.

The Richardson Fund of \$2,758, by will of Joseph S. Richardson—a scholarship fund.

The Fowell B. Hill Fund of \$1,000, by will of Fowell B. Hill—endowment.

The Ezra Murray Meader Fund of \$1,000, by will of Elizabeth Meader White—for mathematical department.

The Francis T. King Fund of \$5,000, by will of Francis T. King—for care of buildings and campus.

The Wells Fund of \$1,000—scholarship fund.

The Doctor Dicia Baker Fund of \$5,000, by will of Dr. Dicia Baker—for Girls' Aid Committee of North Carolina Yearly Meeting.

The Susanna Osborne Memorial Fund of \$500—for Girls' Aid Committee of North Carolina Yearly Meeting.

The total sum of permanent funds—those named above, and others—is \$181,392.90. The plant, including the endowment, is now worth nearly half a million dollars.

## REQUIREMENTS FOR ADMISSION

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Candidates for admission to the Freshman Class must have four years of high school preparation or a full equivalent. A chief cause of failure in college work is unsatisfactory preparation, and a thorough knowledge of preparatory subjects is absolutely essential before taking up the work of the college course.

Applicants will be admitted without examination upon presentation, on or before the opening of the college year, of a Certificate of Admission from an accredited high school. Blank certificates will be furnished on application to the College and should be filled out and sent in some time during, or before, the summer vacation. It is important that this be done as early as possible as it is difficult to secure records from teachers while on their vacations. The Certificates of Admission must be filled out and signed by the Principal of the school from which the applicant comes. If two or more high schools have been attended, a certificate must be secured from each one.

Examinations will be required before credit is given for any subject which has not been properly certified.

Students coming from accredited schools, if recommended in fourteen units in which the required units are included, are given unconditional Freshman standing. Conditional Freshman standing is given to students presenting twelve units. Classes are formed

at the College by which deficiencies in preparation may be removed. A high school course taken for one school year is valued at one unit.

Students coming from other institutions must present a letter of honorable dismissal and a certificate of good moral character.

Credits allowed on credentials are in all cases conditional. A student thus admitted has only probationary standing for the first term and the period of probation may be prolonged if the work is unsatisfactory.

### *Preparatory Subjects Required for Entrance*

English .....	3	units
Algebra .....	1½	units
Plane Geometry .....	1	unit
Foreign Languages .....	4	units
History .....	1	unit
Electives .....	3½	units

Not less than two units will be accepted in any one language, unless presented as an elective.

For groups AI, AII and AIII four units of Latin must be presented.

Not more than three units will be accepted in History.

Students entering courses BI, BII and BIII are urged to present French or German for entrance if possible.

The electives must be selected from the following list:



*Table of Subjects Accepted for Entrance*

SUBJECTS	TOPICS	UNITS
English A .....	Grammar and Analysis .....	1
English B .....	Composition and Elementary Rhetoric .	1
English C .....	Selections of Literature .....	1
Mathematics A ..	Algebra to Quadratics .....	1
Mathematics B ..	Advanced Algebra .....	$\frac{1}{2}$ or 1
Mathematics C ..	Plane Geometry, complete .....	1
Mathematics D ..	Solid Geometry .....	$\frac{1}{2}$
Mathematics E ..	Trigonometry .....	$\frac{1}{2}$
History A .....	Ancient .....	1
History B .....	Mediæval and Modern .....	1
History C .....	English .....	1
History D .....	American .....	1
Latin A .....	Grammar and Composition .....	1
Latin B .....	Cæsar, four books and Composition ...	1
Latin C .....	Cicero, four orations and Composition ..	1
Latin D .....	Virgil, four books and Composition ...	1
Greek A .....	Grammar and Composition .....	1
Greek B .....	Xenophon, four books .....	1
German A .....	Grammar and Composition .....	1
German B .....	Reading and Exercises .....	1
French A .....	Grammar and Composition .....	1
French B .....	Reading and Exercises .....	1
Science A .....	Physical Geography .....	$\frac{1}{2}$ or 1
Science B .....	Chemistry .....	1
Science C .....	Physics .....	1
Science D .....	Physiology .....	$\frac{1}{2}$
Science E .....	Botany .....	$\frac{1}{2}$ or 1
Science F .....	General Science .....	$\frac{1}{2}$ or 1
Civics .....	Civil Government .....	$\frac{1}{2}$

Applicants for admission who desire entrance credit for such vocational subjects as Agriculture, Bookkeeping, Commercial Geography, Commercial Arithmetic, Stenography and Typewriting, Mechanical Drawing and Manual Training, will receive such credit only after a special investigation has been made. A complete record of the work done must be submitted and passed upon by the committee on credentials. Not more than one unit for one subject or two units altogether will be given for subjects in this list.

## *Specifications Regarding Entrance Units*

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### English A—Grammar and Analysis . . . . . One Unit

Spelling, parts of speech, inflection, syntax, structure of sentences, punctuation, use of capital letters, elementary composition.

### English B—Composition and Elementary Rhetoric One Unit

Choice of words and their mutual relations, paragraphing and form, different kinds of composition, including letter writing, narration, description, exposition. Abundant practice in composition, with readings from masterpieces of American Literature.

### English C—Reading and Literature . . . . . One Unit

#### REQUIRED FOR STUDY

One selection from each of the following groups:

#### GROUP I.—DRAMA.

*Julius Caesar; Macbeth; Hamlet.*

#### GROUP II.—POETRY.

Milton's *L'Allegro, Il Penseroso*, and either *Comus* or *Lycidas*; Tennyson's *The Coming of Arthur, The Holy Grail*, and *The Passing of Arthur*; the selections from Wordsworth, Keats and Shelley in Book IV of Palgrave's *Golden Treasury* (First Series).

#### GROUP III.—ORATORY.

Burke's speech on *Conciliation with America*; Macaulay's speech on *Copyright*, and Lincoln's Speech at Cooper Union; Washington's *Farewell Address* and Webster's *First Bunker Hill Oration*.

## GROUP IV.—ESSAYS.

Carlyle's essay on *Burns*, with a selection from *Burns' Poems*; Macaulay's life of *Johnson*; Emerson's essay on *Manners*.

## REQUIRED FOR READING

Two from each of the following groups:

## GROUP I.—CLASSICS IN TRANSLATION.

*The Old Testament*, comprising at least the chief narrative episodes in *Genesis*, *Exodus*, *Joshua*, *Judges*, *Samuel*, *Kings* and *Daniel*, together with the books of *Ruth* and *Esther*; Homer's *Odyssey*, with the omission, if desired, of Books I, II, III, IV, V, XV, XVI, XVII; Homer's *Iliad*, with the omission, if desired, of Books XI, XIII, XIV, XV, XVII, XXI; Virgil's *Æneid*. The *Odyssey*, *Iliad*, and *Æneid* should be read in English translations of recognized literary excellence. For any selection from this group a selection from any other group may be substituted.

## GROUP II.—SHAKSPERE.

Shakspere's *Midsummer Night's Dream*; *Merchant of Venice*; *As You Like It*; *Twelfth Night*; *The Tempest*; *Romeo and Juliet*; *King John*; *Richard II*; *Richard III*; *Henry V*; *Coriolanus*; *Julius Caesar*; *Macbeth*; *Hamlet*.

N. B.—The last three only if not chosen for study.

## GROUP III.—PROSE FICTION.

Malory's *Morte d'Arthur* (about 100 pages); Bunyan's *Pilgrim's Progress*, Part I; Swift's *Gulliver's Travels* (*Voyages to Lilliput and to Brobdingnag*); Defoe's *Robinson Crusoe*, Part I; Goldsmith's *Vicar of Wakefield*; Frances Burney's *Evelina*; Scott's *Novels*, any one; Jane Austen's *Novels*, any one; either Maria Edgeworth's *Castle Rackrent* or *The Absentee*; Dickens' *Novels*, any one; Thackeray's *Novels*, any one; George Eliot's *Novels*, any one; Mrs. Gaskell's *Cranford*; either Kingsley's *Westward Ho!* or *Hereward the Wake*; Read's *The Cloister and the Hearth*; Blackmore's *Lorna Doone*; Hughes's *Tom Brown's School-days*; either Stevenson's *Treasure Island*, or *Kidnapped*, or *The Master of Ballantrae*; Cooper's *Novels*, any one; Poe's



*Selected Tales*; either Hawthorne's *The House of the Seven Gables*, or *Twice Told Tales*, or *Mosses from an Old Manse*; a collection of short stories by various standard writers.

#### GROUP IV.—ESSAYS, BIOGRAPHY, ETC.

Either the Sir Roger de Coverley Papers or Selections from the Tatler and The Spectator (about 200 pages); Boswell's Selections from *The Life of Johnson* (about 200 pages); Franklin's *Autobiography*; either Irving's Selections from *The Sketch Book* (about 200 pages), or *The Life of Goldsmith*; Southey's *Life of Nelson*; Lamb's Selections from *The Essays of Elia* (about 100 pages); Lockhart's Selections from *The Life of Scott* (about 200 pages); Thackeray's Lectures on Swift, Addison, and Steele in *The English Humorists*; Macaulay, one of the following essays: *Lord Clive*, *Warren Hastings*, *Milton*, *Addison*, *Goldsmith*, *Frederic the Great* or *Madame d'Arblay*; Trevelyan's Selections from *Life of Macaulay* (about 200 pages); either Ruskin's *Sesame and Lilies* or Selections (about 150 pages); Dana's *Two Years Before the Mast*; Lincoln's Selections, including at least the two *Inaugurals*, the *Speeches in Independence Hall* and at *Gettysburg*, the *Last Public Address*, and *Letter to Horace Greeley*, together with a brief memoir or estimate of Lincoln; Parkman's *The Oregon Trail*; Thoreau's *Walden*; Lowell's *Selected Essays* (about 150 pages); Holmes's *The Autocrat of the Breakfast Table*; Stevenson's *Inland Voyage* and *Travels with a Donkey*; Huxley's *Autobiography* and selections from *Lay Sermons*, including the addresses on *Improving Natural Knowledge*, *A Liberal Education*, and *A Piece of Chalk*; a collection of essays by Bacon, Lamb, DeQuincy, Hazlitt, Emerson and later writers; a collection of letters by various standard writers.

#### GROUP V.—POETRY.

Palgrave's *Golden Treasury* (First Series), Books II and III, with special attention to Dryden, Collins, Gray, Cowper, and Burns; *Golden Treasury* (First Series), Book IV, with special attention to Wordsworth, Keats, and Shelley (if not chosen for study); Goldsmith's *The Traveler* and *The Deserted Village*; Pope's *The Rape of the Lock*; a collec-

tion of English and Scottish ballads, as, for example, some Robin Hood ballads, *The Battle of Otterburn*, *King Estmere*, *Young Biechan*, *Bewick and Grahame*, *Sir Patrick Spens*, and a selection from later ballads; Coleridge's *The Rime of the Ancient Mariner*, *Christobel*, and *Kubla Khan*; Byron's *Childe Harold*, Canto III or IV, and *The Prisoner of Chillon*; Scott's *The Lady of the Lake* or *Marmion*; Macaulay's *Lays of Ancient Rome*, *The Battle of Naseby*, *The Armada*, and *Ivry*; Tennyson's *The Princess* or *Gareth and Lynette*, *Lancelot and Elaine*, and *The Passing of Arthur*; Browning's *Cavalier Tunes*, *The Lost Leader*, *How They Brought the Good News from Ghent to Aix*, *Home Thoughts from Abroad*, *Home Thoughts from the Sea*, *Incident of the French Camp*, *Herve Riel*, *Pheidippides*, *My Last Duchess*, *Up at a Villa—Down in the City*, *The Italian in England*, *The Patriot*, *The Pied Piper*, "De Gustibus—," and *Instans Tyrannus*; Arnold's *Sohrab and Rustum*, and *The Forsaken Merman*; selections from American poetry, with special attention to Poe, Lowell, Longfellow, and Whittier.

## *Mathematics*

### Mathematics A and B—Algebra

#### One and One-Half or Two Units

Covering the four fundamental operations of algebra, factoring, highest common factor and lowest common multiple, fractions, simple equations, simultaneous simple equations, involution and evolution, exponents, radicals, quadratic equations, equations in the quadratic form, ratio and proportion, variation, and progressions.

### Mathematics C—Plane Geometry . . . . . One Unit

Five books and numerous original exercises taken from other sources.

### Mathematics D—Solid Geometry . . . . . One-half Unit

With original exercises and problems.

## *History*

In all of the following work a knowledge of historical geography is required. Not more than three units of credit in history will be accepted, the selections to be made from the following:

History A—Ancient ..... One Unit

History of Greece to the death of Alexander, and history of Rome to the overthrow of the empire of the west, or to the death of Charlemagne.

History B—Mediæval and Modern ..... One Unit

The general history of western Europe from the fifth century, or from the division of Charlemagne's empire to the close of the nineteenth century.

History C—English ..... One Unit

The political and social history of England from the period of the Roman occupation to the present day.

History D—American ..... One Unit

A general outline of United States history, including the period of discovery and settlement, the growth of the English colonies, the French and Indian wars, the revolution and the adoption of the constitution, the growth and expansion of the Union, the slavery conflict, the Civil War and reconstruction, and the recent development of the nation.

## *Latin*

Latin A—Grammar and Composition ..... One Unit

Pronunciation, accent, quantity, thorough drill in forms, word formation, syntax, translation of elementary Latin sentences into English, elementary exercises in Latin prose composition.

Latin B—Cæsar ..... One Unit

First four books of Cæsar's Gallic War, thorough knowledge of its subject matter, familiarity with forms and construction, continued practice in Latin prose composition.



Latin C—Cicero . . . . . One Unit

Cicero's Orations against Catiline; continued practice in prose composition.

Latin D—Virgil . . . . . One Unit

Four books of Virgil's *Æneid*, forms and construction of poetry, hexameter verse, continued practice in prose composition.

### *Greek*

Greek A—Grammar and Composition . . . . . One Unit

The forms, inflections, and idioms of Attic prose, syntax, prose composition—one year's work.

Greek B—Xenophon . . . . . One Unit

Four books of Xenophon's *Anabasis*, study of Greek irregular verbs, syntax, translation of Greek into English and English into Greek.

### *German*

German A—Grammar and Composition . . . One Unit

Grammar, pronunciation, dictation, exercises in translation, both oral and written, and reading of about 100 pages of texts suitable for first year work.

German B—Reading and Exercises . . . . . One Unit

Continued practice in grammar, dictation, conversation, oral translation from German into English and English into German, and about 300 pages of texts suitable for second year work, along with written exercises in prose composition.

### *French*

French A—Grammar and Composition . . . . . One Unit

Grammar, pronunciation, dictation, exercises in translation, both oral and written, and reading of about 150 pages of texts suitable for first year work.



**French B—Reading and Exercises . . . . . One Unit**

Continued practice in grammar, dictation, conversation, oral translation from French into English and English into French, and about 300 to 400 pages of texts suitable for second year work, along with written exercises in prose composition.

*Science***Science A—Physical Geography One-half or One Unit**

The knowledge obtainable from a standard school text-book on this subject, field work.

**Science B—Chemistry . . . . . One Unit**

Including class room and laboratory work in the elements of chemistry. At least five exercises a week for one school year. A notebook should be presented.

**Science C—Physics . . . . . One Unit**

Any standard school text-book, including class work with lecture demonstrations, problem work and simple laboratory experiments.

**Science D—Physiology . . . . . One-half Unit**

A standard school text-book, with demonstrations and simple experiments. Special attention should be given to such practical subjects as sanitation, diet, and personal hygiene.

**Science E—Botany . . . . . One-half or One Unit**

Any standard school text-book, recitations and laboratory or field work in general botany.

**Science F—General Science . . . One-half or One Unit**

Any standard school text-book, recitations and laboratory work.

*Civics***Civics . . . . . One-half Unit**

A general study of the Constitution of the United States and the organization of the executive, legislative and judicial departments of the government; the division of governmental functions between the national and state governments; and the organization and operation of the state governments.

### *Admission to Advanced Standing*

Students from other approved institutions will be admitted to such standing as seems fair to the Committee on Credentials. The applicant in every case must present a statement of honorable dismissal, a catalogue of the school attended, and an official statement and description of the work done, with a record of full entrance credits.

### *Special Students*

Persons of mature age who are not candidates for a degree, may be admitted as special students. No special student will be permitted to register for less than twelve hours in any term except by consent of the faculty. Such an applicant may study subjects for which he is prepared.

### *Regulations Regarding Re-Examinations*

Opportunities for the removal of First Term conditions will be given in April and in September.

Opportunities for the removal of Second Term conditions will be given in September and in January.

Conditions should be removed at the first regular re-examination period after failure; if not then removed, a fee of two dollars will be charged against the student at the next regular re-examination period. A student who, after two opportunities, has failed to remove a condition, shall repeat the course; the repeated course taking precedence over all other courses.

A student in applying for a re-examination must inform the Dean at least two weeks before the date of examination.

### *Grading of Students*

A student's standing is determined by daily recitations, hour examinations and final examinations. Reports are issued quarterly. At mid-year and at the end of the year the report covers the work for the whole of the previous term. The grades attained are indicated by the six letters, A, B, C, D, E and F. A indicates a grade from 95 to 100; B from 88 to 95; C from 80 to 88; D from 70 to 80; E from 50 to 70; and F below 50. The numerical grades do not appear on the reports. An E grade for the term's work indicates a failure, with the privilege of passing the course by re-examination. An F grade for the term indicates that the course must be repeated.

All serious breaches of discipline, including absences from classes in excess of the number allowed, will be recorded on the reports.

## COURSE OF STUDY

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The course of study includes both required and elective subjects, so combined that the student may specialize in one field and at the same time acquire that general culture and breadth of knowledge which comes from a variety of studies.

The courses are valued by the term hour which equals one recitation hour a week for a term (half year). To obtain a degree a student will be required to complete a minimum of 126 term hours.

The following outline will indicate what subjects are required and what are elective:

### *Curriculum*

#### FRESHMAN YEAR

English Ia and Ib .....	4 hours each term
Mathematics Ia, Ib and Ic .....	5 hours each term

*Select two* of the following, of which one  
must be a language, and the other a  
language, a science or a history:

Latin I and II .....	4 hours each term
German A or I .....	4 hours each term
French A or I .....	4 hours each term
Greek I .....	4 hours each term
Chemistry I .....	4 hours each term
History I or II .....	3 hours each term

#### SOPHOMORE YEAR

English II .....	2 hours each term
History I or II .....	3 hours each term



*Select twelve hours from the following, of which four must be in foreign language and four in science:*

Latin III or IV .....	4 hours each term
German A or I .....	4 hours each term
French A or I .....	4 hours each term
Greek I or II .....	4 hours each term
Chemistry I or II .....	4 hours each term
Physics I .....	4 hours each term
Biology I .....	4 hours each term
Mathematics II .....	4 hours each term
Cookery I .....	3 hours each term
Housework .....	1 hour each term

#### JUNIOR YEAR

Biblical Literature .....	4 hours each term
Biology I .....	4 hours each term
Electives .....	8 hours each term

#### SENIOR YEAR

Psychology .....	3 hours first term
Logic .....	2 hours second term
Electives .....	<div style="display: inline-block; vertical-align: middle;"> <div style="font-size: 2em; vertical-align: middle;">}</div> <div>13 hours first term 14 hours second term</div> </div>

### *Rules Governing Electives*

In choosing electives the student must take at least three years' work in one subject known as the major subject. For the major subject the student has seven choices, each one corresponding to one of the groups outlined below. When a group is selected its requirements as outlined must be rigidly adhered to. It is better to choose a group upon entrance to the Sophomore year. This choice cannot be postponed later than entrance to the Junior year.

The program of recitations will conform to the groups and conflicts will be avoided if the student elects each study in that particular year of the college course when the outline indicates it should be taken.

Either Chemistry I or Physics I must be chosen during the Freshman and Sophomore years for the A. B. degree and both must be chosen for the B. S. degree in groups BI and BII.

For the A. B. degree a student must elect two years of either French or German and for the B. S. degree in Groups BI, BII and BIII he must have had Course A or an equivalent in both languages and Course I in either of the languages. For the B. S. degree in Group BIV the student must elect two years of a foreign language.

### *Degrees*

The degree of Bachelor of Arts will be conferred on any student who satisfactorily completes Group AI, AII, or AIII, and the degree of Bachelor of Science on any student who satisfactorily completes Group BI, BII, BIII, or BIV.

*Group AI—Ancient Classical***FRESHMAN**

English Ia .....	4	English Ib .....	4
Mathematics Ia .....	5	Mathematics Ib and Ic .....	5
Livy .....	4	Tacitus .....	4
Greek .....	4	Greek .....	4

**SOPHOMORE**

English II .....	2	English II .....	2
History .....	3	History .....	3
Latin .....	4	Latin .....	4
Greek .....	4	Greek .....	4
Chemistry I or Physics I ..	4	Chemistry I or Physics I ..	4

**JUNIOR**

Ancient Language .....	4	Ancient Language .....	4
Biology I .....	4	Biology I .....	4
German or French .....	4	German or French .....	4
Biblical Literature .....	4	Biblical Literature .....	4

**SENIOR**

Psychology .....	3	Logic .....	2
Ancient Language .....	3	Ancient Language .....	3
German or French .....	4	German or French .....	4
Electives .....	6	Electives .....	7

*Group AII—English Classical***FRESHMAN**

English Ia .....	4	English Ib .....	4
Mathematics Ia .....	5	Mathematics Ib and Ic .....	5
Livy .....	4	Tacitus .....	4
German or French .....	4	German or French .....	4

**SOPHOMORE**

English II .....	2	English II .....	2
History .....	3	History .....	3
German or French .....	4	German or French .....	4
Chemistry I or Physics I ..	4	Chemistry I or Physics I ..	4
Latin .....	4	Latin .....	4

**JUNIOR**

English .....	3	English .....	3
Biblical Literature .....	4	Biblical Literature .....	4
Biology I .....	4	Biology I .....	4
Electives .....	5	Electives .....	5

**SENIOR**

Psychology .....	3	Logic .....	2
English .....	3	English .....	3
Electives .....	10	Electives .....	11

*Group AIII—Political Science***FRESHMAN**

English Ia .....	4	English Ib .....	4
Mathematics Ia .....	5	Mathematics Ib and Ic .....	5
French or German .....	4	French or German .....	4
History or Livy .....	3 or 4	History or Tacitus .....	3 or 4

**SOPHOMORE**

English II .....	2	English II .....	2
History .....	3	History .....	3
German or French .....	4	German or French .....	4
Chemistry I or Physics I ..	4	Chemistry I or Physics I ..	4
Electives .....	4	Electives .....	4

**JUNIOR**

History IIIa or IV .....	3	History IIIb or IV .....	3
History V .....	2	History VI .....	2
Biology I .....	4	Biology I .....	4
Biblical Literature .....	4	Biblical Literature .....	4
Electives .....	3	Electives .....	3

**SENIOR**

Economics .....	3	Economics .....	3
Psychology .....	3	Logic .....	2
Sociology .....	2	Political Science .....	2
English .....	3	English .....	3
Electives .....	5	Electives .....	6

*Group BI—Chemistry***FRESHMAN**

English Ia .....	4	English Ib .....	4
Mathematics Ia .....	5	Mathematics Ib and Ic .....	5
German or French .....	4	German or French .....	4
Chemistry I .....	4	Chemistry I .....	4

**SOPHOMORE**

English II .....	2	English II .....	2
History .....	3	History .....	3
German or French .....	4	German or French .....	4
Chemistry II .....	4	Chemistry III .....	4
Physics I .....	4	Physics I .....	4

**JUNIOR**

Chemistry IV .....	4	Chemistry IV .....	4
Biology I .....	4	Biology I .....	4
* Electives .....	8	* Electives .....	8

**SENIOR**

Psychology .....	3	Logic .....	2
Biblical Literature .....	4	Biblical Literature .....	4
Chemistry or Electives .....	4	Electives .....	9
Electives .....	4		

\* See modern language requirement, page 38.



*Group BII—Mathematics and Physics***FRESHMAN**

English Ia .....	4	English Ib .....	4
Mathematics Ia .....	5	Mathematics Ib and Ic .....	5
German or French .....	4	German or French .....	4
Chemistry I .....	4	Chemistry I .....	4

**SOPHOMORE**

English II .....	2	English II .....	2
History .....	3	History .....	3
German or French .....	4	German or French .....	4
Mathematics II .....	4	Mathematics II .....	4
Physics I .....	4	Physics I .....	4

**JUNIOR**

Mathematics III .....	4	Mathematics III .....	4
Biblical Literature .....	4	Biblical Literature .....	4
* Electives .....	8	* Electives .....	8

**SENIOR**

Mathematics IV or Physics .	3	Mathematics IV or Physics .	3
Psychology .....	3	Logic .....	2
Biology I .....	4	Biology I .....	4
Electives .....	6	Electives .....	7

*Group BIII—Biology***FRESHMAN**

English Ia .....	4	English Ib .....	4
Mathematics Ia .....	5	Mathematics Ib and Ic .....	5
German or French .....	4	German or French .....	4
Chemistry I .....	4	Chemistry I .....	4

**SOPHOMORE**

English II .....	2	English II .....	2
History .....	3	History .....	3
German or French .....	4	German or French .....	4
Biology I .....	4	Biology I .....	4
* Electives .....	4	* Electives .....	4

**JUNIOR**

Biology .....	4 or 5	Biology .....	4 or 5
Organic Chemistry .....	3	Organic Chemistry .....	3
Biblical Literature .....	4	Biblical Literature .....	4
Electives .....	5 or 6	Electives .....	5 or 6

**SENIOR**

Biology .....	4 or 5	Biology .....	4 or 5
Psychology .....	3	Logic .....	2
Electives .....	8 or 9	Electives .....	9 or 10

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\* See modern language requirement, page 38.

*Group BIV—Home Economics***FRESHMAN**

English Ia .....	4	English Ib .....	4
Mathematics Ia .....	5	Mathematics Ib and Ic .....	5
Chemistry I .....	4	Chemistry I .....	4
German, French or Latin ...	4	German, French or Latin ...	4

**SOPHOMORE**

English II .....	2	English II .....	2
History .....	3	History .....	3
German, French or Latin ...	4	German, French or Latin ...	4
Elementary Cookery .....	3	Elementary Cookery .....	3
Housework .....	1	Home Nursing .....	1
Chemistry VI .....	4	Physics VI .....	4

**JUNIOR**

Advanced Cookery .....	2	Advanced Cookery .....	2
Home Sanitation .....	2	House Furnishing .....	2
Biology I .....	4	Biology I .....	4
Biblical Literature .....	4	Biblical Literature .....	4
Electives .....	4	Electives .....	4

**SENIOR**

Psychology .....	3	Logic .....	2
Experimental Cookery .....	2	Dietetics .....	2
Food Industries .....	2	Household Management .....	2
Electives .....	9	Biology VII .....	3
		Electives .....	7

## DEPARTMENTS OF INSTRUCTION

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### *Latin*

The purpose of this department is to familiarize the student first with Latin literature of the Augustan period and later with the Latin language as the vehicle of daily intercourse. Ease and accuracy in translations and a mastery of the general structure of the language are insisted upon. To accomplish this end, drills in idioms and inflections and practice in sight translations, oral and written, are frequent.

I. LIVY.—This course embraces two books of Livy. Rapid reading and sight reading in easy passages are employed as tests. Points in history and syntax, together with Livy's style, are emphasized. Three hours a week. Fall term. Freshman.

II. TACITUS.—This course embraces the *Germania* and *Agricola*. The *Germania* is studied for its intrinsic value as history; the *Agricola* is studied as history and as a biography. The *Agricola* of Tacitus and the *Poet Archias* of Cicero are studied as masterpieces in Latin literature. Three hours a week. Spring term. Freshman.

III. PROSE COMPOSITION.—Required in Freshman year of all persons in Groups AI and AII and of all persons electing Latin I and II. One hour a week.

IV. SELECTIONS FROM VIRGIL.—This course embraces Georgics I and IV, and selections from the *Æneid*. In this course it is intended to set forth the principles upon which Latin poetry is based, the hexameter being the simplest and best representative of Latin verse. The selections are made with a view to illustrate Virgil's method of developing a National Epic for the Romans. Virgil's style and syntax are an essential part of the course. Four hours a week. Fall term.

V. SELECTIONS FROM OVID AND PROPERTIUS.—This course embraces selections from the Elegies of Ovid and Propertius illustrative of this department of Latin poetry. The selections from the *Metamorphoses* of Ovid are very valuable from the mythology which they contain treated in epic form. Four hours a week. Fall term.

VI. HORACE.—Many of the Odes and of the Satires and Epistles, and the *Ars Poetica* constitute this course. Poetic peculiarities, sentiment, and elegance of expression in Latin verse are among the things studied. Prosody is an essential part of the work. Four hours a week. Spring term.

VII. CICERO'S TUSCULAN DISPUTATIONS I AND SELECTIONS FROM LUCRETIVS.—This course is given as a study in Roman philosophy. Special attention is called to philosophical thought as expressed by these two authors. The technical meaning of words, and a thorough drill in syntax are emphasized. Four hours a week. Spring term.



VIII. ROMAN COMEDY.—This course embraces the Captive and Trinumus of Plautus, the Phormio and Adelphoe of Terence, and is intended to give the student an idea of the fundamental qualities of Roman Comedy. It is in the comedy that one finds daily life depicted, and it is in comedy that the daily speech is used—two very essential elements towards a correct understanding of the literature of a people. Occasional lectures on Roman private life will be given. Three hours a week. Fall term.

IX. TRAGEDY.—This course embraces three Tragedies of Seneca and selections at sight from Gude-  
man's Latin Literature. Three hours a week. Spring term.

### *Greek*

I. The first term in the study of Greek is devoted to learning the forms of the language, and doing easy exercises from Frost's Greek Primer. In the second term, two books of Xenophon's Anabasis are read.

II. In the second year, the third book of the Anabasis and about an equal amount of Herodotus are read in the first term. The second term is given to Homer's Iliad.

III. During the first term of the third year Plato's Apology, Crito, and Thucydides are read. The last term is given to New Testament Greek.

For students electing a fourth year in Greek additional reading matter will be furnished according to the wish and efficiency of the class.

## *French*

Course A.—Course for beginners. Pronunciation, conversation, fundamentals of grammar, oral and written exercises. Reading of simple French prose.

*Texts.*—Bercy, “Le Français Pratique”. Reading selected from: Talbot, “Le Français et sa Patrie”; Marot, “Sans Famille”; Daudet, “Le Petit Chose”; Labiche and Martin, “Le Voyage de M. Perrichon”. Four hours.

Course I.—Prerequisite, Course A. Careful study of Grammar. Oral and written reproduction of selected passages of texts read. Reading of prose and poetry.

*Texts.*—Bruce, “Grammaire Française”. Reading from: Lamertine, “Jeanne d’Arc”; Hugo, “La Chute”; Pailleron, “Le Monde où l’on s’ennuie”; Buffum, “French Short Stories”. Four hours.

Course II.—Prerequisite, Course I. Phonetics, conversation, reading and writing French. The aim of this course is to give the student the ability to read, speak and write French with ease and accuracy. Two hours.

Course III.—Prerequisite, Course I. A study of French literature, with special emphasis upon the seventeenth and nineteenth centuries. Lectures conducted in French. Frequent class conferences. Reports (in French). Reading selected from such authors as Corneille, Molière, Michelet, Hugo, Gantier, Alfred de Musset, Alfred de Vigny, Balsac, Mérimée,

Maupassant, Anatole France, Rostand and Maeterlinck. Three hours.

Course IV.—Prerequisite, Course II. A detailed study of Hugo during the first semester; of Maeterlinck and Rostand during the second. Two hours.

### *German*

Students wishing to qualify for German I may present a satisfactory certificate of their school instruction in German or pass an examination over the work required in German A.

Course A.—Course for beginners. Pronunciation and grammar; oral and written exercises; dictation; sight translation; reading of simple German prose.

*Texts.*—Joynes and Wesselhoeft German Lesson Grammar; Gueber, Märchen und Erzählungen; Müller and Wenkebach, Glück Auf; Storm, Immensee; Hillern, Höher als die Kirche; or equivalents. Second semester a simple prose text. Four hours a week.

Course I.—Prerequisite, Course A. Grammar and composition; oral and written reproduction of selected passages of texts read; dictation; reading of prose and poetry.

*Texts.*—Willkommen in Deutschland; Im Vaterland; Goethe, Hermann und Dorothea; Schiller, der Neffe als Onkel; Zschokke, der zerbrochene Krug or equivalents. Four hours a week.

Course II.—Prerequisite, Course I. Advanced grammar; oral and written summaries of texts; extensive reading of prose and poetry.

*Texts.*—Chosen from such authors as Schiller, Lessing, Goethe, Freytag, Kleist. Three hours a week.

Course III.—An advanced course in German literature open to those who have completed Course II.

### *English*

English Ia and Ib are required of all Freshmen, English II of all Sophomores. The other courses are elective.

Ia. This course covers the principles of elementary literary criticism. It deals with rhetorical elements and such fundamental principles of criticism as will enable the student to read intelligently and with a fair degree of appreciation. The student is expected to apply these principles in the study of selections from standard literature. Lectures, class discussion, reports. Four hours, first half year.

*Text.*—Painter, Elementary Guide to Literary Criticism.

Ib. ENGLISH LITERATURE.—The second half year presents a general survey of English Literature from the Anglo-Saxon age to the present day. Class discussion, lectures, readings in class, outside readings and reports. Four hours, second half year.

*Texts.*—Long, English Literature; Manley, Prose and Poetry.



II. SOPHOMORE COMPOSITION.—Constant practice in the various forms of prose composition. This course also includes some practice in oral composition. In the second half year lectures on the appreciation of literature. Readings from selected authors. Two hours throughout the year.

*Texts.*—Slater, Freshman Rhetoric; Woolley, Handbook of Composition.

IIIa. ELIZABETHAN DRAMA.—This course is intended to acquaint the student with the drama of the age of Elizabeth. It consists of an historical survey of the drama, a study of the playwrights immediately preceding Shakespeare with respect to their influence upon him, a study of Elizabethan society and playhouses, and a few of Shakespeare's early plays. Elective. Three hours, first half year.

*Text.*—Neilson, Chief Elizabethan Dramatists.

IIIb. This course is a continuation of IIIa. All the plays of Shakespeare, several of which are studied critically in class. Lectures on his development as a dramatist. Elective. Three hours, second half year.

*Text.*—Shakespeare's plays.

IVa. NINETEENTH CENTURY PROSE.—During the first half year attention is given to the English prose masters of the nineteenth century, and a more or less critical examination of some of their works. Lectures, readings in class, outside readings and reports. Elective. Three hours a week, first half year. (Not given in 1918-1919.)

*Text.*—Alden, Readings in English Prose of the Nineteenth Century.

IVb. NINETEENTH CENTURY POETRY.—Lectures on the lives and works of Coleridge, Wordsworth, Shelley, Byron, Keats, Arnold, Tennyson, Browning, Rossetti, Morris and Swinburne. Lectures, class room discussions, outside readings and reports. Elective. Three hours, second half year. (Not given in 1918-1919.)

*Text.*—Page, British Poets of the Nineteenth Century.

Va. AMERICAN LITERATURE.—The purpose of this course is to give the student a general survey of American Literature from 1607 to the present day, with a more or less intensive study of representative writers of each period. Lectures, recitations, outside readings and reports. Elective. Three hours, first half year.

*Texts.*—Long, American Literature; Calhoun and MacAlarney, Readings in American Literature.

Vb. TYPES OF FICTION IN THE EIGHTEENTH AND NINETEENTH CENTURIES.—Typical movements in the development of fiction writing since 1700. The English novel of manners, the historical novel, romantic and realistic tendencies, the novel of purpose, the psychological romance, and various types of the short story will be studied. Lectures, outside readings and reports. Elective. Three hours, second half year.

*Text.*—Hopkins and Hughes, The English Novel Before the Nineteenth Century.

*Biblical Literature*

**BIBLICAL LITERATURE.**—The work in Biblical Literature consists of a survey of Hebrew and Jewish history, with special studies in the prophetic writings during the Fall term. The Spring term is devoted to the study of the four Gospels. Four hours a week. One year. Required of all students in their Junior or Senior year.

**THE APOSTOLIC CHURCH.**—In this course a study is made of the Acts and Epistles. The development of Christian thought is traced from the time of Pentecost to the end of Paul's missionary labors. Lectures, assigned readings, and reports. The class is conducted on the seminar method. Three hours. First term.

**THE HISTORY OF THE CHRISTIAN CHURCH.**—This course takes up in turn the epochs of the Christian Church from the close of the Apostolic period down to the end of the seventeenth century. Various historic interpretations of Christianity are studied in detail, including particularly the Greek, the Latin, the Lutheran and the Quaker conceptions. Lectures, assigned readings and reports. Seminar method. Three hours. Second term.

**PASTORAL WORK.**—This course covers such topics as will be helpful to prospective ministers and missionaries or other Gospel workers. The lessons presented have their central thought in the importance and ideal of Preaching and Scriptural Authority for the same. Care is given to emphasize methodical

study and preparation, also methods and manner of delivery.

Some attention is given the physical side of preaching.

Preparation of outlines on Biblical themes forms a part of the pupil's work.

GREEK NEW TESTAMENT.—This course is given to second and third year Greek students as part of the regular courses in Greek. Translation and explanation of the Greek text of selected readings from the New Testament. Four hours per week. Second half year.

### *Philosophy*

I. PSYCHOLOGY.—See courses under Education.

II. HISTORY OF PHILOSOPHY.—This course begins with a study of Greek Philosophy with especial attention given to Plato and concludes with an outline of modern theories of idealism. Representative thinkers in each of the main systems of philosophy are reviewed, and application is made to present day problems.

The text-books used are: Weber, "History of Philosophy," and Royce, "The Spirit of Modern Philosophy." Lectures, discussions and a thesis. Senior or Junior years. Three hours. Fall term.

III. ETHICS.—In this course the trend of Christian ethics will be considered historically, and an attempt is made to find a fundamental basis of moral conduct. The work consists of lectures and notes on



assigned readings, together with text-book and a theme on some phase of ethical study. Three hours. Spring term. Junior or Senior years.

IV. LOGIC.—Careful attention is given in this course to definitions and explanation of the terms, and much practice in processes of reasoning. Two hours a week. Spring term. Senior.

*Text.*—Jevon's Lessons in Logic.

## *Education*

The courses in this department are designed to meet the requirements of the state board of examiners for those who are making preparation to teach either in the elementary or secondary schools. Students who complete the course will be enabled to receive the high school principal's certificate without further examination. Students desiring sufficient professional credits to exempt them from examination should elect twelve semester hours. Six of these should be elected during the Junior and six during the Senior year.

EDUCATION I.—History and Principles of Education. This course begins with a general history of education, given by lectures and readings, reference being made to the more comprehensive histories in the college library. It concludes with a study of some of the applications of modern educational theory and practice as worked out in country and city school systems. Occasional theses are required. This course also includes a careful study of North Carolina school law. Three hours, first half year. Junior year.

EDUCATION II.—The American High School. This course deals with the evolution, organization and administration of the American High School. Among the text-books used are: "The American High School," by Dr. J. F. Brown; "The High School Age," by Irving King; "High School and Class Management," by H. A. Hollister; and "Educational Resources of Village and Rural Communities," by J. K. Hart. School hygiene is also studied, the basis of the work being a treatise on the subject by Dr. Fletcher B. Dressler. Three hours per week, second half year. Junior year.

EDUCATION III.—Psychology. A course in general psychology seeking to cover the field of mental facts and processes, supplemented by readings and lectures. Three hours a week. Fall term. Required of all Seniors.

*Text.*—James' Psychology, Briefer Course.

EDUCATION IV.—Methods of Teaching. This course begins with a direct application of psychological principles to education. James' "Talks to Teachers," and Hamilton's "Recitation," are used as text-books. By a discussion of these texts in class with special reference to method as denoted by such expressions as Induction and Deduction, Analysis and Synthesis, a posteriori and a priori knowledge, much valuable instruction is given that will be useful to those who wish to prepare themselves for teaching. The fact is never lost sight of that knowledge of the subject to be taught is an absolutely necessary prepara-

tion for successful teaching and is the fundamental factor. Three hours. Second half year.

### *History*

I. MEDIEVAL AND MODERN HISTORY.—In this course the history of Western Europe is studied, outlining the rise of the Papacy, the Crusades, the Renaissance, the Reformation, the French Revolution, and the Development of Modern Europe. Reference work in the library and reports on special topics form an essential part of the course. Three hours a week. One year. Elective in Political Science Group in Freshman year. Required in all other groups in the Sophomore year.

II. ENGLISH HISTORY.—This is a study of the political, industrial and constitutional development of England from the earliest period to the present time. Special attention will be given the State, the English Church, the Puritan Movement, the Colonial System and the Industrial Revolution. Reference work and reports are required. Three hours a week. One year. Alternates with Course I as an elective in Freshman year in Political Science Group and as a requirement of Sophomores in all other groups. (Not given 1918-1919.)

IIIa. CONSTITUTIONAL HISTORY.—This is a study of the formation and development of the United States Government, with a close examination of its present form and workings. It is, therefore, a combination of history and advanced civics. A text-book is used,



but considerable reference work in the library is required, the results of which are embodied in reports at regular intervals during the term. The aim is not only to develop a knowledge of the history and workings of the government, but to stimulate an interest in current political life and its responsibilities. Three hours a week. Fall term. Required in the Political Science Group; elective in Junior or Senior year in all other groups.

IIIb. CONSTITUTIONAL HISTORY.—The nature and origin of government will be traced, together with the development of the modern states: England, France, Switzerland and Germany. This is followed by a study of the general form and working of these governments, with emphasis on the legislative, administrative and judicial functions. Reference work on the subject matter of the course and the current political and diplomatic situation in Europe is done in the library and reports made to the class. Each member of the class is required to make an independent study of some government not treated in the class and to make a report on it. Three hours a week. Spring term. Required in the Political Science Group; elective in Junior or Senior year in all other groups.

IV. AMERICAN HISTORY.—This is a course in advanced American History, and deals with origins, movements and developments rather than mere incidents and facts. The social, political and economic development of the United States from the Colonial period through the expansion of America into a world power will be studied. Text-books will form the basis



of the course, but broad readings, reports, lectures and discussions will form the major part of the work. Three hours a week throughout the year. Required in the Political Science Group; elective in Junior or Senior year in all other groups. (Not given in 1918-1919.)

Course IV alternates with IIIa and IIIb.

V. MODERN EUROPEAN HISTORY.—An advanced course in Modern European History from the outbreak of the French Revolution to the World War of 1914. The rise of the European world powers, their problems and ambitions, and their colonial and foreign policies will be examined. Text-book, lectures, and collateral readings. Required in Political Science Group; elective in Junior and Senior year in all other groups. Two hours a week. Fall term.

VI. AMERICAN DIPLOMACY.—A comprehensive study of American diplomacy and foreign relations from 1789 to 1917. American relations with the European powers, Latin-American diplomacy, and American diplomacy in the Orient will be studied. Text-book, lectures and collateral readings. Required in the Political Science Group; elective in Junior or Senior year in all other groups. Two hours a week. Spring term.

### *Economics*

I. ECONOMICS.—This is a general introduction to the principles of political economy. Its purpose is to give a general understanding of current American

economic problems and of the forces underlying our industrial life, thus preparing students for more advanced study and for the duties of citizenship. The second half year is devoted largely to a more thorough study of certain phases of political economy, including money and banking, transportation, corporations and the tariff. The course consists of text-book, collateral reference work and reports based on studies of some of the practical economic problems. Three hours a week throughout the year. Junior or Senior elective.

II. SOCIOLOGY.—This course strives to explain the basis of society, the social institutions, social pathology and the remedies, and social psychology and progress. Collateral readings and the study of some current social problem is required of each member of the class. Two hours a week. Fall term. Junior or Senior elective.

III. POLITICAL SCIENCE.—An introductory consideration of the nature of the state, and the structure and province of government. The origin of the state, the form of the state, the legislative, executive and judiciary departments, federal government, party government, individualism, socialism, and the modern state, are some of the topics forming the basis of study. Text-book, collateral readings and reports. Required in the Political Science Group; elective in Junior or Senior year in all other groups. Two hours a week. Spring term.

## *Mathematics*

**Ia. COLLEGE ALGEBRA.**—This course begins with a review of the ground work of elementary algebra, and includes logarithms, progressions, undetermined coefficients, the binomial theorem for fractional and negative exponents, permutations and combinations, and a brief introduction to the theory of equations. Required of all Freshmen. Five hours. Fall term.

*Text.*—Fine's College Algebra.

**Ib. SOLID GEOMETRY.**—Required of all Freshmen who do not present it for entrance. Three hours. Spring term.

*Text.*—Wentworth and Smith.

**Ic. PLANE TRIGONOMETRY.**—Derivation of formulae with their application; trigonometric equations; solution of right and oblique triangles; problems involving practical applications. Required of all Freshmen. Two hours. Spring term.

*Text.*—Wells' New Plane Trigonometry.

**II. ANALYTIC GEOMETRY.**—Discussion and construction of loci; the straight line; circle; parabola, ellipse and hyperbola; polar coordinates; transformation of coordinates; tangents; also geometry of three dimensions, including the curve in space, the plane, and quadric surfaces. Required of all students electing the Mathematics and Physics Group. Four hours throughout the year.

*Text.*—Smith and Gale's New Analytic Geometry.



III. DIFFERENTIAL AND INTEGRAL CALCULUS.—Differentiation and integration of algebraic and transcendental functions; areas, volumes, and surfaces; infinite series; maxima and minima; properties of curves and radius of curvature; numerous applications to geometry, physics, chemistry and engineering. Required of all students electing the Mathematics and Physics Group. Prerequisite, Mathematics II. Four hours throughout the year.

*Text.*—Townsend and Goodenough's First Course in Calculus.

IV. DIFFERENTIAL EQUATIONS.—The solution of ordinary and partial differential equations of the first and higher orders. Geometrical, mechanical, and physical applications. Prerequisite, Mathematics III. Three hours throughout the year.

*Text.*—Murray's Differential Equations.

V. SURVEYING.—Numerous field problems in the use of the chain, tape, compass, transit, and level. Stadia and plane table work. The use of the solar attachment. Resurveys. Laying out and dividing land. Profile leveling and establishing grades. Computation of areas. Correct forms of note keeping. Complete survey of a farm. Careful drawings are made of all surveys. Emphasis in this course is laid on the field work. Prerequisite, Mathematics Ic. Three hours. Spring term.

VI. DESCRIPTIVE ASTRONOMY.—This course deals with the main facts of Astronomy and offers an elementary explanation of the methods by which the



dimensions, distances, motions, physical character, etc., of the heavenly bodies have been ascertained.

A telescope, solar transit, students' spectrometer, and sextant enable the students to supplement their work with observations as required. Three hours. Fall term.

### *Physics*

The Physics Department occupies two well lighted and well ventilated rooms in the basement of King Hall. One of these serves as a shop. Here also are a 6 H. P. kerosene engine, a  $3\frac{3}{4}$  K. W. 110 volt D. C. generator, rotary air pump, pressure tanks, and a 14 volt 60 ampere-hour storage battery. The other room serves as a laboratory and lecture room. The lecture apparatus has been well selected to illustrate the most important phenomena of Physics. For accurate experimental work by the advanced students there are several excellent pieces of apparatus by Gaertner, a good assortment of Weston Meters, a Leeds and Northrup Potentiometer and other high grade instruments. The laboratories are piped for gas and wired for 110 volt D. C. and 14 volt storage current.

I. GENERAL PHYSICS.—In this course the principles and phenomena of Physics are taken up in detail. In the laboratory especial attention will be paid to accuracy of observation and measurement. Prerequisite, Plane Trigonometry. Three lectures and recitations and one two-hour laboratory period each week throughout the year.

No credit will be given for less than a year's work.  
*Text.*—Kimball, College Physics.

II. ELEMENTS OF ELECTRICITY.—This course is designed for students who desire a practical working knowledge of the fundamentals of electricity. A detailed study will be made of dynamos, motors, inductance, storage batteries, electrolysis, and problems of illumination and power distribution. Prerequisites, Physics I or an equivalent and Plane Trigonometry. Three hours throughout the year — lectures, problems, recitations, laboratory.

*Text.*—Timbie, Elements of Electricity.

III. MECHANICS.—The subject of mechanics is developed historically during the first term. During the second term a more detailed study is made of problems in statics, dynamics of a particle, and elementary rigid dynamics. Two hours per week throughout the year.

*Text.*—Cox, Mechanics.

IV. SPECIAL TOPICS IN ELECTRICITY AND MAGNETISM.—Open to students who have completed Physics I or an equivalent. This course will be more theoretical than Course II and is designed for students who are specializing in Physics. An elementary knowledge of Calculus is advantageous. One lecture and two two-hour laboratory periods each week. First half year.

VI. GENERAL PHYSICS.—Designed primarily for students in the Home Economics Course. A general survey of all the more important principles of Physics is made, with special stress on the subjects of Molecular Physics and Heat and their application to prob-

lems of ventilating and heating systems; preservation and cooking of foods, and refrigeration processes. A detailed study will be made of several of the more important labor saving devices of the household. This course is required of all Sophomores in the Home Economics Course. Four hours per week; lectures, recitations, and laboratory. Second half year.

### *Chemistry*

The Chemistry Department is located in two large rooms and a smaller advanced laboratory in Memorial Hall, the whole furnishing satisfactory laboratory facilities for fifty students. The laboratories are supplied with water, gas, light, electricity and compressed air. Up-to-date apparatus has recently been increased materially, and all necessary requirements for accurate and efficient analyses are at hand. An exhibit of various commercial chemical products and raw materials has been started and will be enlarged. Recent chemical journals and a chemical library of over 150 volumes give a valuable working reference library. The full amount of chemistry necessary for pursuing a medical course or entering industrial chemistry is offered.

I. GENERAL CHEMISTRY.—This course consists of a thorough study of the more important elements and their compounds. The laboratory work takes up the preparation and study of the properties of the non-metallic elements and their compounds. The last four months in the laboratory are devoted to the reactions of the metals and the qualitative analysis of simple



salts. Required Sophomore year of all students electing the Chemistry Group, and Junior year of all students electing the Physics and Mathematics Group. No credit will be given for a half year's work in this course. Two lectures or recitations and two laboratory periods per week. Four hours, the entire year.

*Text.*—Alexander Smith, General Chemistry for Colleges.

II. QUALITATIVE ANALYSIS.—This course consists of a thorough study of the methods for the separation and detection of bases and acids. Analyses are made of salts, alloys and minerals. One lecture and three laboratory periods each week. Prerequisite, Chemistry I. Four hours. First term.

*Texts.*—A. A. Noyes, Qualitative Chemical Analysis; Julius Stieglitz, Theoretical Qualitative Analysis.

III. QUANTITATIVE ANALYSIS.—Analysis of pure salts and ores are made by gravimetric and volumetric methods. Lectures, laboratory and stoichiometric exercises. One lecture and three laboratory periods each week. Prerequisites, Chemistry I and II. Four hours. Second term.

*Texts.*—Moody, Morse, Quantitative Analysis.

IV. ORGANIC CHEMISTRY.—This course consists of a study of the principal compounds of carbon and their derivatives. There will be two lectures or recitations and one laboratory period of three actual hours per week. This course is required of all students in



the Chemistry and Biology Groups and will be essential to students of medicine. Three hours all year.

*Text.*—Remsen, Organic Chemistry.

V. ADVANCED ORGANIC CHEMISTRY.—This is a continuation of Course III, and consists of the analysis of water, iron, steel, fertilizers, etc. Laboratory and consultation. Two hours or more throughout the year.

VI. CHEMISTRY OF FOOD AND NUTRITION.—This course comprises a study of the organic and inorganic foodstuffs, the changes which they undergo in body metabolism, the energy value of different foods and their economic value. As far as time will permit, additional topics, such as the Pure Food Law and the manufacture of some of the more important food materials are taken up. Lectures, laboratory work and outside reading. Prerequisite, Chemistry I. Four hours. First half year.

*Text.*—Sherman, Chemistry of Food and Nutrition.

In all courses in Chemistry, except Course IV, one laboratory period consists of two and one-half actual hours.

A breakage fee of \$1.00, which is included in the term fee, is required of all students in the Chemistry Department.

### *Biology*

The department of Biology, with which has been incorporated the Museum of Natural History, occupies a well lighted room on the first floor of Memorial

Hall and shares with the department of Chemistry a large lecture room in the same building. This lecture room is provided with a projection lantern and demonstration equipment. The laboratory, 30 x 60 feet, is well equipped for all of the courses offered. The working tables provide for twenty students at one time, each student furnished with locker facilities, abundant working room, and proper light for microscopic work and dissection.

The equipment consists of simple and compound microscopes, materials and apparatus for both elementary and advanced work in histology, anatomy, cytology and embryology; of collecting apparatus and small aquaria and of a large teaching collection of biological specimens. This collection embraces a wide series of geological specimens, minerals, formations and fossils; an excellent collection of mounted bird skins and smaller collections of mammals, reptiles, amphibians, and invertebrates, besides a number of anatomical preparations and a large series of prepared microscopic slides of plant and animal tissues.

The work of the department of Biology is planned for the following classes of students:

1. Those seeking as a part of a liberal education a knowledge of the concrete facts and theories of biology should take courses Ia and Ib, A and B.

2. Students who are preparing for subsequent work in medicine or dentistry should follow course Ia and Ib, with courses 4 and 9, and can take to advantage courses 2 and 3.

3. Students who are interested in agriculture will find it to their advantage to follow course Ia and Ib, with courses 3, 6, 5, and 5a.

4. Students in the department of Household Economics may take course 7 during the same semester in which they are taking *Ib*, or it may be taken in a subsequent year. Students in this department will also find course 3 capable of practical application.

5. Students who intend to major in Biology or who expect the recommendation of this department for teaching Biology in high schools, should take course *Ia* and *Ib* as early as possible and consult with the instructor as to their subsequent work.

The length of the laboratory periods in Biology will vary somewhat according to the capability of the student. Emphasis is placed upon the work done rather than on the length of time spent in the laboratory. The work of one laboratory period, however, is planned to occupy the average student three recitation or lecture periods.

For the laboratory fees of the Biology Department, see page 101 of this catalogue.

***Elementary Courses*** (No prerequisite)

BIOLOGY I.—An introduction to the principles, the subsciences and the methods of Biology. No credit will be given for either course *Ia* or *Ib* separately. Credit for the two terms' work, eight hours. Two lecture or quiz periods and two laboratory or field periods per week.

BIOLOGY *Ia*.—The work of the first term is devoted to the study of the ecology, classification, structure, and physiology of the invertebrate animals and the cryptogamic plants.

*Text*.—Abbott, General Biology.



BIOLOGY Ib.—The work of the second term deals with the higher animals and plants. For the zoological part of the course the biology of the frog is studied, including laboratory work on the anatomy, histology and embryology, field studies on the breeding habits and ecology. The plant studies of this semester deal with the structure, classification and ecology of the flowering plants. The lectures attempt to connect the laboratory and field work and to consider some of the great principles and fields of biology.

*Texts.*—Holmes, The Biology of the Frog; Gray, Manual of Botany.

BIOLOGY A.—Heredity. Fall term. A series of lectures covering the general principles of heredity. In this course the various types of Mendelian inheritance will be discussed; recent theories and facts as to the mechanism of inheritance, the heredity and determination of sex and the applications of the science of Genetics will be considered. Especial emphasis will be given to the importance of heredity to society and man's interests. One lecture per week, Thursday night at seven thirty.

BIOLOGY B.—Evolution. Spring term. A series of lectures dealing with the evidences of evolution, the various theories of the methods of evolution and an examination of the evidences of these methods. The subject matter of this course considers in a popular way the general principles of Biology. One lecture per week, Thursday night at seven thirty.



*Advanced Courses in Biology*

(Course Ia and Ib or an equivalent is a prerequisite. Courses that occur in the second term may be taken with course Ib by special arrangement.)

II. INVERTEBRATE ZOOLOGY.—Fall term. Credit five hours. The morphology, physiology, embryology and ecology of the invertebrate groups, exclusive of the insects. The laboratory work consists of the dissection of representatives of the various groups, and the study of the embryology of some of the more favorable types. An attempt is made to emphasize the comparative side of these studies. The field work consists of ecological studies and the collection and classification of the more important local invertebrates. The lectures attempt to correlate the field and laboratory work and to deal with the phylogeny and physiology of the lower animals.

III. ENTOMOLOGY.—Spring term. Credit three or five hours, as arranged. The work of this course deals with the classification, structure, ecology and life histories of the local insects. The collection and identification of a number of insects is required and the rearing of various insects in the laboratory with careful notes as to habits and life histories is a part of the course. Considerable time is spent on studying the economic importance of this group, together with means of combating and protecting

against insect attacks. The work consists of lecture, laboratory and field work. Opportunities for a certain amount of individual work and for some specialization will be given to properly qualified students.

IV. EMBRYOLOGY.—Fall term. Credit four or five hours, as arranged. A course on the descriptive embryology of the vertebrates. The lectures are comparative and human embryology will be emphasized. The laboratory work will deal primarily with the organogeny of the chick, supplemented by brief studies and comparison with other forms. Some work is given in the simpler methods of embryological technique and students will be given an opportunity to prepare their own permanent slides of chick embryos. Two lectures and two or three laboratory periods, as arranged.

V and Va. PLANT STUDIES.—Spring term. Course V deals with the structure, classification and physiology of the cryptogams. One lecture and one laboratory period per week. Credit two hours.

Course Va deals with the flowering plants, mainly from the standpoint of structure and classification, though some field work on ecological studies is attempted. Two lectures and one laboratory period per week.

These two courses may be taken together or separately. Credit is given for either course alone. It is the aim of these two courses to give the student a view of the principles of Botany and to acquaint him with our local flora.

*Text.*—Strausberger's Botany, for either course.

VI. VERTEBRATE ZOOLOGY.—Fall term. Credit five hours. (This course will alternate with Biology IV.) The comparative anatomy, physiology, and ecology of the vertebrate animals. The laboratory work deals with the dissection of types of the vertebrate groups, with emphasis on the comparative side. Field work on the habits and habitats of our local vertebrates is given, with considerable attention to ecological methods and to field note taking. The lectures consider the phylogny, classification and economic importance of the vertebrates.

*Texts.*—Pratt, Vertebrate Zoology; Parker and Halswell, Zoology, Vol. 2.

Two lectures, two laboratory and one field period.

VII. HOUSEHOLD BIOLOGY.—Spring term. Credit three hours. This course deals with the application of the principles and facts of Biology to Household Economics. The subjects considered are the physiology of the digestive system and the reaction of the digestive system to the various classes of foods, the elements of bacteriology and the application of the principles of Bacteriology to household practices and to household sanitation.

Two lectures and one laboratory period per week. It is strongly advised that the student shall have taken Chemistry VI before entering this course.

VIII. ZOOGEOGRAPHY.—Fall term. Credit two hours. The principles of animal distribution. This course considers not so much the present distribution of animals as the principles that underlie this



distribution and that have governed animal distribution in the past. The subject will in this light be studied as furnishing evidence of one of the methods of evolution.

Two lectures per week. Prerequisites, Biology Ia and Ib, and either Geology or Physiography.

GEOLOGY. — The principles of general geology. Three hours per week throughout two semesters. The work of the first semester deals with structural geology and earth processes, that of the second with historical geology and the study of fossil remains. Throughout the course the dynamic viewpoint of geology will be emphasized. Two lecture periods and one laboratory, field or museum period per week.

*Text.*—Chamberlain and Salisbury, A College Text-Book of Geology.

### *Home Economics*

The courses in Home Economics are designed to give the students practical scientific training in the most efficient and modern methods of meeting problems which confront women in the home or to equip them for teaching the subject. Courses in related sciences are given in connection with the work of this department which will enable the student to become sufficiently trained in technical subjects to teach, to engage in community work, or to act as matron or housekeeper in a public or private institution. Among these courses are Chemistry VI, a course in food chemistry; Physics VI, a course in physics as applied to problems of the household; and Biology VII, which deals with



the physiology of the digestive system, bacteriology and sanitation.

These courses as well as a course in general chemistry are required of all students specializing in Home Economics.

The laboratory occupies a large well lighted room in Memorial Hall. It is equipped with wood and oil stoves with facilities for gas. Each student is furnished with equipment for individual work, including a desk with pastry board and drawer containing all necessary articles needed in the preparation and cooking of food. A refrigerator, a full outfit of enameled utensils, a collection of exhibits and food charts, and a complete set of silver, china and table linen are included in the equipment. The courses in laundry and home nursing are fully provided with all necessary supplies.

Connected with the laboratory is a dining room where experience in practical table service is gained.

I. ELEMENTARY COOKERY.—This course includes a general survey of the principles of cookery. The Five Food Principles are studied in detail, and practice is given in the cooking of those foods which serve best as illustrations.

Familiarity and ease in methods of handling foods and in use of utensils are aimed at. The class prepares and serves two meals. Four hours laboratory, one hour recitation per week throughout the year. Three hours credit each term. Sophomore year.

II. HOUSE WORK.—This course includes instruction in the various home duties; care of each sepa-

rate room in the house; care of the wood work, furniture, carpets, rugs, silver, china, linen, and personal clothing, including several lessons on laundering cotton, linen, woolen and silk fabrics. Two hours laboratory work per week. First half year. One hour credit. Sophomore year.

III. HOME NURSING.—This course includes instruction in emergencies that may arise in the home; in the home care of the sick; in the care of children and babies; and in the cause and prevention of contagious diseases. Two hours laboratory. One hour credit. Sophomore year.

IV. ADVANCED COOKERY.—A continuation of Elementary Cookery, with emphasis on menu making and table service. Four hours laboratory work per week, throughout the year. Two hours credit each term. Junior year.

V. HOME SANITATION.—This course includes a study of the fundamental principles of sanitation as relating to a home. It deals particularly with the following problems: Selection of site for the house; situation of the house; care of the house with special reference to plumbing, heating, lighting and ventilation; destruction of household pests. Two hours per week recitation. First half year. Two hours credit. Junior year.

VI. HOUSE CONSTRUCTION AND FURNISHING.—A study of the evolution of the house; making of plans for modern houses; convenience and use of individual rooms; finish of wood work and walls; principles of

decoration. Two hours per week of recitation. Second half year. Two hours credit. Junior year.

VII. EXPERIMENTAL COOKERY.—This course offers opportunity for experimental work in cooking along the following lines: fuels and their comparative cost; recipe making; substitutes; the behavior of certain foods and food adjuncts under certain conditions. Four hours laboratory work per week. First half year. Two hours credit. Senior year.

VIII. DIETETICS.—This course includes a study of the nutritive value of foods, with particular reference to the feeding of the individuals of different ages from childhood to old age. Balanced meals are planned and served. Four hours laboratory work per week. Second half year. Two hours credit. Senior year.

IX. FOOD INDUSTRIES.—This course includes a study of the history of foods, their growth, manufacture, and sale; their adulteration and dangers resulting therefrom; the Pure Food Law, and its results since its enactment. Two hours recitation per week. First half year. Two hours credit. Senior year.

X. HOUSEHOLD MANAGEMENT.—This course includes a discussion and study of some of the following problems: the budget and its apportionment; the income; efficiency in management; servant hire; scheduling of time; accounts. Two hours recitation per week. Second half year. Two hours credit. Senior year.

# MUSIC

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It will be the aim of the department to give such technical and æsthetic training as will enable students to continue their studies independently and also to impart their knowledge. To this end courses have been arranged along those lines which will tend to cultivate the taste, develop the mind, and elevate the ideals.

The time required for the completion of these courses will vary, according to the native talent, the previous training, and industry of the student.

Pupils will be taught with reference to their peculiar needs, and aided from the beginning to form habits of attention and thoughtful practice.

## COURSES OF STUDY

Candidates for the certificate in music must have completed preparatory work equivalent to a high school course.

### *Course I*

Pianoforte,	German A or I,
Theory,	English I,
History of Music,	History I or II.

### *Course II*

Voice Culture,  
Pianoforte (through the intermediate grade),  
Theory,  
History of Music,  
French A or I,  
German A or I,  
English I.



## *Pianoforte*

Three grades: Elementary, Intermediate, Advanced.

Special attention will be given to hand positions, the proper use and control of finger, hand, wrist and arm, conducing to elasticity of touch and correct phrasing.

### *Elementary Grade*

Finger and wrist exercises, scales taught in contrary and parallel motion, canon form, grouping by accent or rhythms.

Arpeggios founded on common chord, major and minor, dominant seventh, diminished seventh.

Studies selected from: Kohler's Pianoforte Method, Kohler's Studies, Op. 50, Loschhorn, Op. 65, Burgmuller, Czerny, MacDougall, etc.

Pieces by Gurlitt, Reineck, Ganschals, Streabbog and others.

### *Intermediate Grade*

Technical exercises continued. Scales in double thirds and sixths.

Studies by Bertini, Heller, Op. 47 and 45, Czerny, Op. 299, Bach, Loschhorn, Op. 66, Czerny's "Legato and Staccato," Sonatinas and easier Sonatas of Haydn, Mozart, Beethoven.

Mendelssohn's "Songs Without Words."

Pieces by Handel, Jensen, Godard, Grieg, Raff, Henselt, Saint Saens, Chopin, Schubert and others.

### *Advanced*

Technical exercises of preceding grades at a more rapid tempo.

Studies of Cramer, Clementi's *Gradus ad Parnasum*, Bach's *Well-Tempered Clavichord*, Kullak's *Octaves*, Beethoven's *Sonatas*, Chopin's *Etudes*.

Pieces by Webber, Chopin, Schumann, Moskowski, MacDowell, Liszt, and others. Concerti by Beethoven, Mendelssohn and others.

### *Vocal*

Careful attention will be given to correct breathing, voice placing, tone production; the use of the lips, tongue and palate with reference to distinct articulation; all tending toward the development of a natural and easy manner of singing.

Vocalises and Solfeggio; studies selected from Concone, Panofka, Marchesi, Sieber, Bordogni.

Songs of the best English and American composers, besides those of Mozart, Schubert, Schumann, Franz, Grieg.

French, German, and Italian Songs in the original text.

Arias from the Oratorios of Handel, Haydn, Mendelssohn.

### *Sight Singing*

Public school singing will be taught in regular lessons.

### *Harmony*

The difficulties in the study of harmony will be lessened by learning that the rules are derived from certain principles, *i. e.*, the natural tendencies in har-

monic and melodic progressions. The study will involve a thorough knowledge of musical notation, intervals, signatures, keys, formation of scales, triads of major and minor scales and their inversions. Simple four-part writing from given basses and sopranos.

Harmonies of the Seventh and their inversions, secondary harmonies of the Seventh and their inversions.

Chords of the Seventh in connection with chords of other tone degrees.

Chords of Ninth, Eleventh and Thirteenth.

Chromatic alterations of the Fundamental Harmonies, Modulations, Suspensions, Organ-Point, Passing-Notes, Passing-Chord, Harmonizing melodies.

### *History of Music*

Music before the twelfth century.

Development of Folk Song: Troubadours, Minnesingers, Meistersingers.

Evolution of Music Forms: Choral, Oratorio, Sacred Cantata, Sonata, Symphony.

Schools of Music: The Netherlands, Flemish, Italian, French, German.

Masters of Music: Palestrina, Handel, Bach, Gluck, Haydn, Mozart, Beethoven.

Lesser Lights: Schubert, Von Weber, Spohr, Mendelssohn, Schumann, Cherubini, Wagner.

### *Free Classes*

HARMONY AND MUSICAL HISTORY.—These classes

are open to such music students as are sufficiently advanced.

CHORUS CLASSES.—In these classes students receive training in part-singing.

### *Recitals*

Realizing that ease and confidence in playing for others can be acquired only by experience in doing so, weekly recitals will be held, at which students will be encouraged to render their pieces in the presence of others; they will also have an opportunity of hearing the best works of different epochs interpreted with descriptive analysis.

### *Diplomas*

Candidates for graduation in music, besides completing the prescribed course, will be required to give a finished and satisfactory public recital.

Students who are candidates for a degree may elect not more than eight hours in music to apply toward graduation, this to be taken in either the intermediate or advanced grades.



## PREPARATORY SCHOOL

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In order to accommodate some of our patrons who are not in reach of good high schools we are carrying two years of preparatory work to prepare students for the Freshman class.

The following courses are taught each year:

FALL TERM		SPRING TERM	
English B .....	5	English B .....	5
English C .....	5	English C .....	5
Primary Latin .....	5	Primary Latin .....	5
Cæsar .....	5	Cæsar .....	5
Cicero .....	5	Virgil .....	5
Algebra B .....	5	Algebra B .....	5
Plane Geometry .....	5	Plane Geometry .....	5
Ancient History .....	5	Ancient History .....	5
Physiography .....	5	Chemistry .....	5

### *English*

B. The Principles of English composition governing punctuation, the use of words, sentences, and paragraphs should be thoroughly mastered. Abundant practice in oral and written composition, comprising letterwriting, narration, description, easy exposition and argument, extend throughout the year. Correct spelling and grammatical accuracy rigorously demanded. Frequent grammar reviews are given. Study of easy masterpieces from American literature.

ENGLISH C.—This course prepares for entrance to the Freshman class in college. The work consists of the reading and study of English classics and will follow in general the College entrance requirements in English given on pages 27-30. The aim is to develop in the student a taste for good literature. Stress is laid on style, the understanding of allusions, and the meaning of words and phrases. Frequent reports are required by means of which the student is taught to express himself clearly and grammatically.

### *Latin*

Three years in Latin are given in the Preparatory School.

I. PRIMARY LATIN.—This is a five-hour course throughout the first year and embraces all the essentials preparatory to a study of higher Latin.

II. CÆSAR'S GALLIC WAR AND LATIN COMPOSITION.—This course extends through the second year, embracing four books (I-IV). Composition weekly. An effort is made to develop a ready reading knowledge of Latin. Attention is given to pronunciation, word-forms, case-syntax, moods, tenses, and indirect discourse. Military matters and the geography of the texts are emphasized. Five hours a week.

III. CICERO AND COMPOSITION.—This course embraces the four Orations against Catiline. Composition weekly. Thorough grounding in prose construction is aimed at. Oratorical style, historical and biographical setting are considered.

IV. VIRGIL AND COMPOSITION.—This course embraces four books of Virgil. Composition weekly. A thorough drill in syntax is given. Poetic peculiarities, and prosody are studied.

### *History*

One year of History is required of all preparatory students. This is a course in Ancient History, including Oriental, Greek and Roman.

### *Mathematics*

ALGEBRA B.—Involution and evolution, exponents, radicals, quadratic equations, equations in the quadratic form, ratio and proportion, variation, and progressions. Five hours throughout the year.

*Text.*—Wentworth and Smith.

PLANE GEOMETRY.—Prerequisite, Algebra B. Five books and numerous original exercises. Five hours throughout the year.

*Text.*—Wentworth and Smith.

### *Science*

A. PHYSIOGRAPHY.—Studies of earth features, their origin, cause and importance. The course will consist of recitations and laboratory work. Several of the laboratory periods will be devoted to field trips to study local physiography at first hand, others will be devoted to work on museum material, and in making map studies and reports.

Three recitations and one laboratory period per week, first half year.

*Text.*—Salisbury Physiography.

B. CHEMISTRY. — An elementary preparatory course in General Chemistry. Recitations and laboratory work. Second half year.

C. ELEMENTARY PHYSICS.—This course comprises a general survey of the most important principles of Mechanics, Heat, Sound, Light, Magnetism and Electricity. There are four recitations and two two-hour periods of laboratory each week. A good working knowledge of the elements of Algebra and Plane Geometry is indispensable.

*Text.*—Carhart and Chute, "First Principles of Physics."



## THE MUSEUM

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The Cabinet of Natural History Specimens is one of the most interesting features of the institution. The collection has been formed more especially with reference to giving assistance in class room work than to making a display of peculiar relics. It is a working cabinet rather than a collection of curiosities. We find it indispensable as a means of furnishing examples and illustrations for the various branches of natural history.

Among the most valuable specimens may be mentioned:

The collection of minerals containing more than two hundred varieties.

Specimens of limestone, including stalactites, stalagmites, and other formations from the Mammoth, Luray and Wyandott Caves.

A number of rocks, representing igneous, metamorphic, stratified, and glaciated specimens.

A collection of fossils, numbering several hundred, giving a good idea of both animal and vegetable life in the Paleozoic, Mesozoic and Cenozoic eras.

Volcanic Specimens.—The best of which are from the Sandwich Islands and Mount Vesuvius.

Corals.—More than one hundred specimens from the islands of the Pacific and Florida.

Shells.—Comprising more than one hundred and fifty land and water species.

Marine Animals.—Consisting of fishes, starfishes, sea urchins, crabs, etc.

Archaeological Specimens.—More than one thousand in number.

A collection of casts of prehistoric implements, numbering over one hundred specimens, a donation from the Smithsonian Institute. The collection illustrates the development of man through the stone, polished stone, and bronze ages.

Mounted Animals.—One hundred and seventy-five mounted birds and animals. Among them are eleven species of hawks and owls, thirteen species of wild duck taken in North Carolina, a pair of wild turkeys, a buffalo head, a large beaver, a wild cat, two minks, an alligator, and other animals. Also one hundred skins of birds and mammals used in class work.

In collecting for the cabinet great care has been taken to obtain such specimens as will aid in the study of zoology and kindred subjects.

Our cabinet contains more than two hundred varieties of birds' eggs, numbering over 1,200 individuals. This collection includes not only the eggs of our North American birds, but the most prominent orders of South America, Europe, Asia and Africa. The eggs of the guillemots from the Faroe Islands, and the gulls and auks of Labrador and Iceland, are perhaps the most rare. There are also eggs of more than thirty specimens of raptors from the United States, Canada, Mexico, Europe, and Asia.

The ostrich eggs from Africa and the penguin from South America are the most valuable.

## COLLEGE ORGANIZATIONS

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### *Literary Societies*

There are two literary societies for young men, the Henry Clay and the Websterian. They were organized in 1885 and have ever since exercised a strong and helpful influence on college affairs. These two societies occupied rooms in King Hall until that building was burned in 1908. In 1917 the societies moved into two large rooms on the second floor of the Y. M. C. A. building. These rooms have been handsomely furnished and are well equipped for every purpose, both social and literary.

The two societies for young women are the Zatasian and the Philomathean. These societies came into existence when the Philagorean Society was divided in 1908. The rooms occupied by these two societies are on the first floor of Founders Hall, and are beautifully and tastefully furnished.

The four societies meet every week on Friday night. Nearly every student in College belongs to one of them and all members are required to participate in the programs. Much valuable practice is gained in debate, oratory, declamation, extemporaneous speaking, the rendition of vocal and instrumental music, essay writing, and in the rules of parliamentary procedure. Each society conducts annually an oratorical contest.

During the year four formal inter-society receptions are given.



*The Y. M. C. A. and Y. W. C. A.*

The Young Men's and Young Women's Christian Associations of Guilford College were organized in 1889, and have a membership embracing practically the entire student body. Meetings are held every Thursday night and are addressed by students, members of the faculty, and speakers from outside the college. Joint meetings of the two associations are held Sunday mornings. The Y. M. C. A. meets in the assembly room on the lower floor of the Y. M. C. A. Building and the Y. W. C. A. has a room in Founders Hall especially devoted to its use. A number of outside activities are conducted by committees appointed from these organizations.

Bible classes are held Sunday morning which are led by upper classmen and in which a majority of the students are enrolled. Weekly mission study classes are also conducted. The Associations yearly send delegates to the interstate convention and to the Student Conferences at Blue Ridge.

Committees are appointed by the Associations to meet new students on their arrival and give them every possible assistance. The Associations publish each summer a handbook of information about the College which is especially useful to new students. The social affairs of the College are in the hands of committees appointed by the Associations which work in conjunction with the faculty social committee.

Around the Y. M. and the Y. W. C. A. the religious life of the College centers and from them radiates a



Christian influence which penetrates every phase of college activity.

### *The Science Club*

The Joseph Moore Science Club was organized in 1906. Its object, in the words of the constitution, is "to discuss topics of general interest to the teachers and students of the science departments of the College and to cultivate a scientific spirit in this institution." The name was chosen in honor of Professor Joseph Moore, for many years the head of the Department of Natural Science.

The membership is confined to upper classmen, faculty, and resident alumni who have shown a special interest in scientific matters. Meetings are held every two weeks, at which lectures are given and current items of scientific interest discussed. The science club is instrumental in bringing to the College distinguished men of science to lecture to the college and community.

### *The Literary Club*

The Literary Club was organized in 1907. Its object is to promote a broader literary culture in its members and to cultivate a literary spirit in the College. The membership is confined to the faculty and such students as are capable of taking part. Each year a special topic is taken up and thoroughly studied.

### ***The Biblical Seminar***

The Biblical Seminar was organized in the spring of 1910. At its meetings, which are held every two weeks, discussions take place on topics dealing with religious and social work. In recent years the negro problem, moral and religious conditions in the mill districts, and the problem of the rural church have been studied.

### ***The Ministerial Association***

The Ministerial Association was organized in the fall of 1916. Only those are eligible for membership who are pledged to devote their lives to the public ministry. The aim is to create a love and enthusiasm for this work by fellowship and mutual helpfulness.

### ***The Debating Council***

The Debating Council exercises supervision over inter-collegiate and inter-class debates. Its membership consists of the faculty committee on debates and representatives elected by the literary societies.

### ***The Guilfordian Board***

The Guilfordian Board edits and publishes "The Guilfordian," the college weekly. It consists of twelve members elected by the four literary societies. The editor-in-chief, the alumni editor, the business manager and the two faculty advisors are elected by the Board. The Board is provided with a comfortable office room in Founders Hall.

### *The Alumni Association*

The Alumni Association is organized with the following officers: President, Virginia Ragsdale; vice-president, O. E. Mendenhall; secretary, Anna Davis MacArthur; treasurer, John B. Woosley; registrar, Julia S. White.

The Alumni Association through its committees extends aid to the College in various ways. There are committees on Athletics, Campus, Literary Work, Christian Work, and Publicity. A loan fund has been created by the Association for assisting students. Two meetings are held each year, one at commencement and the other in August. The Association publishes a bulletin in which reports of the year's proceedings can be found.

### *The Athletic Association*

The Athletic Association has general oversight of the athletic interests of the College. Each student pays an athletic fee of five dollars which makes him a member of the Association with full athletic privileges, along with the right to attend any athletic contests on the campus without further charge.

All intercollegiate athletics are under the general direction of the Athletic Director and the Faculty Committee on Athletics, working in conjunction with the Athletic Association, a student organization. The managers of the teams are elected by the Athletic Association. The Athletic Council, which decides all important questions relating to athletics and which makes the financial appropriations, is made up of the

Faculty Committee on Athletics, the Athletic Director, the officers of the Athletic Association, and the managers of the teams. There is also an Alumni Committee on Athletics.

The Athletic Director devotes all his time to the interests of this department. All students at Guilford College are expected to take part in athletics and there are very few who do not do so.

The major sports are: Track, football, basketball, baseball, and tennis, and ample facilities are provided for each of these. All schedules of games must be submitted to the Faculty Committee on Athletics for approval before final arrangements are made.

Athletic contests are promoted for the benefit of bona fide students only, and only such are permitted to represent the College in any athletic contest.

No student shall become a member of any Guilford College team during the Fall Term, who registers after October 1st, nor shall any student become a member of a team during the spring term who registers after February 1st.

No student shall participate in any athletic contest who fails to pass at least eight hours of the work of the quarter previous to that in which the contest occurs.

No student shall be eligible for any athletic team who shall have been a member of any of the professional or league teams named in the classes A, B, C, and D in the publication of the National Baseball Commission.



## PUBLICATIONS

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*The Guilford College Bulletin* is issued by the College four times a year. Included under this are The Catalogue, The Alumni Bulletin, and various announcements and reports. These bulletins will be sent free of charge to anyone on request.

*The Guilfordian* is published weekly by a board of editors elected by the four literary societies. Its main function is that of a college newspaper, but it also contains considerable material of a purely literary character. Alumni, old students, and friends of the College find it a valuable means of keeping informed as to what is going on at the College. The subscription price is \$1.00 per year. Address all subscriptions to the business manager.

*The Quaker* is published at irregular intervals of one to two years by the Senior Class. It serves as a class book and also as a complete record in the form of pictures, poems, and sketches of the various student activities of the College.

*The Y. M. C. A. Year Book* is published during the summer by the Y. M. C. A. It contains all the information about the College affairs useful to new men.

## SCHOLARSHIPS, PRIZES AND HONORS

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### *Scholarships*

Haverford and Bryn Mawr Colleges each offer annually to Guilford College a scholarship. In selecting members of the Senior class to whom shall be awarded these scholarships great weight is given to rank in scholarship, but general excellence of character and promise of future usefulness in society are also taken into account and form part of the grounds upon which candidates for these scholarships are chosen.

### *Bryn Mawr*

Bryn Mawr College offers each year to the young woman of the graduating class whom the faculty shall recommend a scholarship of the value of \$400.00. The candidate is selected according to the statement above and must have been a student at Guilford College at least two years.

### *Haverford*

Haverford College offers annually to the young man of the graduating class whom the faculty shall recommend a scholarship of \$300.00. The selection is made on the basis explained and no one will be considered eligible who has not been a student at Guilford College at least two years.

*Bible Teachers Training School Fellowship*

The Bible Teachers Training School, of New York City, offers a Fellowship in their School of Theology, to be awarded each year upon recommendation of the faculty of Guilford College, to a member of their graduating class or to a graduate of not more than five years' standing, whose purpose is to devote his life to Christian service.

The selection will be made on the basis of creditable scholarship, strength of character and personality, evidence of growing ability and limitation of financial resources.

The Fellowship provides board, room and tuition and \$50.00 for the student's incidental expenses. It may be held during the full course of three years. The incumbent must reside at the school, maintain a satisfactory standing in scholarship and engage in a limited amount of active Christian service under the direction of the Practical Work Department.

*Marvin Hardin*

The Class of 1904, in memory of their esteemed member, Marvin Hardin, whose beautiful life amongst us was brought to a close in October, 1907, have endowed an annual tuition scholarship, the same to be awarded to the Sophomore making the best average in the Sophomore studies, said amount to be available in the spring of the Senior year, and only upon the condition that the student winning the money remain at Guilford during the Junior and Senior years.

### *High School Scholarships*

The Board of Trustees has established tuition scholarships in several high schools of the state. The appointee must be the student, qualified to enter the Freshman class, who has made the highest grades. The appointment is for one year. High schools desiring such scholarships to be placed with them should make application to the College. Only high schools whose standard of work is well established will be awarded such scholarships.

### *Prizes*

#### *Literary Society Prizes in Oratory*

The four literary societies, the Websterian, the Henry Clay, the Philomathean, and the Zatasian, each awards an orator's prize. This prize is awarded at an oratorical contest which is held by each society some time during the year.

#### *Literary Society Prizes for Improvement*

Each of the four literary societies awards an improvement prize. This prize is given to the new member making the most improvement during the year.

#### *Freshman Prize*

The Class of 1905 established a prize to be awarded annually to the member of the Freshman class who delivers the best declamation at a contest held near the close of the year.



*Declamation Prizes for High Schools*

Each year there is held at the College a declamation contest for high school students. Each high school is entitled to send two contestants, a young man and a young woman. Two medals are awarded, one to the successful young man and the other to the successful young woman.

These contests are conducted by the College literary societies in order to stimulate literary society work in the high schools.

*Honors*

Members of the Freshman and of the Sophomore classes, pursuing a regular amount of work, whose grades do not fall below 90 per cent. in any subject, shall be entitled to "Honors."

Members of the Junior class who receive an average grade of 95 per cent. in their major work and do not receive a grade below 90 per cent. in any subject, shall be entitled to "Special Honors."

Those members of the Senior class who have received "Special Honors" in their Junior year, and whose average grade in the Senior year does not fall below 95 per cent., shall be entitled to "Highest Honors."

## DISCIPLINE

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It is taken for granted that any student who enters the institution does so for the purpose of persistent work, and that he will render due respect to the regulations, all of which are designed to promote the general welfare of the College, and to give to each member thereof full opportunity to use the many advantages for study here offered.

Students are put upon their honor, and great pains is taken to maintain with all a friendly and helpful relation. The co-operation of all is sought.

If a student shows little or no inclination to study, or if he fails to co-operate with the faculty in maintaining good order or engages in practices which are harmful in their influence over others, or to the reputation of the College, his parents or guardian will be informed of the facts and unless amendment be promptly made, he will be dismissed, or his parents requested to withdraw him.

Students not members of the Senior or Junior classes wishing to go to Greensboro or to any place at a distance from the College, must obtain permission from the proper authorities.

The reading of pernicious literature, hazing in any form, the use of intoxicating drinks, habitual indulgence in profane language, carrying pistols or other dangerous weapons, are considered grave offenses, and treated accordingly.

The effect of tobacco on the minds of the young is so injurious that the College takes all proper means to discourage its use, and will not allow it on the grounds or around the buildings. If any students persist in using it elsewhere, their standing will thereby be lowered and so entered upon their records.

## EXPENSES

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The necessary expenses at Guilford College have been reduced to the lowest point possible. Board is furnished at cost.

### *Charges to Boarding Students*

Tuition .....	\$ 60.00
Registration .....	10.00
Laundry .....	12.00
Library .....	2.00
Room Rent, Cox Hall .....	45.00
Room Rent, Archdale Hall .....	30.00
Room Rent, Founders Hall, second floor .....	40.00
Room Rent, Founders Hall, third floor .....	30.00
Room Rent, New Garden Hall .....	30.00
Room Rent in Cottages .....	18.00
Board in Founders Hall .....	144.00
Board in New Garden (estimated) .....	54.00
Board in Boys' Club (estimated) .....	100.00
Fee for cooking and fuel in Boys' Club .....	22.50
* Athletic fee (boys) .....	5.00
* Athletic fee (girls) .....	2.50

### *Charges to Day Students*

Tuition .....	\$ 60.00
Registration .....	10.00
Library .....	2.00
* Athletic fee (boys) .....	5.00
* Athletic fee (girls) .....	2.50

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\* This fee is required of all students and admits them free of charge to all college athletic contests held on the campus.

### *Summary of Entire Cost*

Room in Cox Hall, Board in Founders .....	\$278.00
Room in Archdale, Board in Founders .....	263.00
Room in Founders, Board in Founders .....	270.50
	or 260.50
Room in New Garden, Board in New Garden .....	158.50
Room in Archdale, Board in Club .....	241.50
Room in Cottages, Board in Club .....	229.50

For students who take two lessons per week in music the cost of the music and one college course will be \$65.00 per year, music and two college courses will be \$85.00 per year, and music and three or four college courses will be \$105.00 per year.

The registration fee, the athletic fee and the library fee are due when the student registers. The other regular charges are divided as evenly as possible into four equal payments, due at the beginning and at the middle of each term.

No student shall be admitted to any course except upon presenting to the professor a card signed by the treasurer.

No student shall be admitted to any laboratory course except upon presenting to the professor a receipt for the laboratory fees.

The board bill at New Garden Hall and at the Boys' Club must be paid in advance monthly.

The College maintains a book store where all necessary books and stationery may be purchased for cash.

A graduation fee of \$5.00 is charged at the close of the college course.

In case of illness requiring a physician, the student is charged for medical attention and nursing.



Students will be charged from the time of entering until the close of the term. In case a student is absent from College on account of protracted sickness of ten days or more a pro rata part of the money paid for board will be refunded on presentation of a physician's certificate that he is not able to return. If a student should leave the institution for any other cause, or be expelled or suspended, he will forfeit the money advanced.

No reduction will be made at the opening of a term for less than a month's absence.

All communications relating to financial matters should be addressed to the Treasurer.

### *Laboratory Fees*

The foregoing statements do not include certain laboratory fees which are due in the first payment of each term.

Chemistry A or VI .....	\$4.00
Chemistry IV .....	6.00
Other courses in Chemistry .....	7.50
Biology Ia, Ib, II, III, IV, VI .....	5.00
Biology VII .....	4.00
Biology V, Va .....	2.50
Physiography and Geology .....	2.50
Astronomy .....	1.00
Surveying .....	1.00
Physics .....	5.00
Cookery .....	5.00

### *Cost of Instruction in Music*

Piano, two lessons per week, per term .....	\$20.00
Vocal lessons, two lessons per week, per term .....	20.00
One lesson a week, in either Vocal or Piano .....	12.50

Use of Piano for practice, one period daily, per term ..	2.50
Each additional period, per term .....	2.00
Sight Singing, once a week in class, per term .....	5.00
Certificate for graduation in Music .....	2.00

### *Club Rates for Boarding Young Men*

To meet the demands for less expensive living while gaining an education arrangements have been made by which young men can board at a minimum expense. A dining hall and kitchen have been prepared for this purpose and extra cottages for dormitories. The rooms are furnished with stoves, bedsteads, mattresses, chairs, table and electric lights.

The charge is \$20.25 per term for each student, and this fee covers room rent, and wages of a cook in charge of dining room and kitchen, fuel, lights, and use of bath. Each boy must keep his room in good condition. By special arrangements with the management of the Club, provisions may be furnished from home and their market value received in credit. The cost of this method of boarding is pro-rated and the average for this year has been about \$10.00 per month. This must be paid in advance each month.

Students who board in this way live well and have the same advantages and privileges about the College and are under the same regulations as those who board in the College.

If young men wish to board in the Club and room in Archdale Hall, where better accommodations are furnished, the charge for room rent and cooking will be \$26.25 per term for each student instead of \$20.25.

### *New Garden Hall for Young Women*

This hall will accommodate forty-eight girls and is a most excellent hall of residence. Girls are admitted here on the following terms: Each girl agrees to perform her allotted part of the household duties and pay to the treasurer of the College \$15.00 per term for room rent, and to the matron of New Garden Hall the actual cost of board in advance. By special arrangements provisions may be furnished at market prices. In this way the board will be furnished for about \$6.00 per month for each girl. Girls in this hall may do their own laundry work. If this work is sent to the College laundry, the cost will be \$12.00 per year.

### *Loan Funds*

The College is in possession of several funds, the income from which is loaned deserving students. Students who use these funds sign a note which does not bear interest until date of leaving college. The signature of some other responsible person is required. It is not customary to loan more than the amount of the tuition. Three of these funds are: The Miles White Fund, The Philadelphia Fund, and the Richardson Fund, the combined income from which is about \$1,200.00 annually. The College Loan Fund consists of the gradual accumulation from payments of former loans. A loan fund has also been created by the Alumni Association.

### *Ministerial Students*

Students who are preparing for the ministry receive free tuition. Such students who ask for the remission of the tuition fee must sign a note which will be cancelled as soon as the signer is recognized or ordained as a minister of the gospel or appointed to a missionary field. Otherwise the note will be in full force and will draw interest.

### *Self Help*

Guilford offers many opportunities for self help. It is the aim of the College that no one shall be turned away for lack of means. Many students at the College are now paying a large part of their expenses either by earning or by borrowing money. Some students secure positions as waiters or janitors, while others work on the campus or farm. The opportunity to devote all of one's time to study is, however, worth considerable financial sacrifice and students are not encouraged to do other work unless it is necessary.

### *Rooms*

No extra charge is made for light and heat in the dormitories. All rooms are fitted up with electric lights.

The rooms are comfortably furnished with bed room furniture—single beds with mattresses. The students furnish pillows, linen and all covering for their beds; also soap, towels and napkins.

Any student may retain his room from one academic year to the next by giving due notice of his



intention in writing before May 15th. Vacant rooms will be assigned in order of application.

Except a few single rooms in Founders, all are furnished for two students each.

A student may elect to occupy a double room alone. When this is possible, it will be allowed, but the charge will be one-half the regular room rent extra.

Young men who room in Cox Hall must take their meals in Founders Hall.

By special permission students of mature years may board and room outside the College buildings, but such permission gives them no exemption from the regular study hours, attendance at chapel, church services and lectures.

Students after arranging for rooms and board are not allowed to change without the consent of the authorities.

The matron has general oversight of all the household arrangements in all the dormitories, and much care is taken to look after the health and comfort of the students, but each occupant is held responsible for the condition of his room. All rooms will be inspected periodically. Any misappropriation or defacement of furniture or fixtures or any damage to the building will be charged to the occupants of the room where such damage occurs. This includes damage to the walls incurred by driving in tacks or nails. Pictures must be hung on the picture moulding provided for the purpose.

Tampering with the electric lights creates danger of fire, and is therefore forbidden. No student is allowed to use a lamp of higher candle power than 25-watt Mazda.

## GENERAL INFORMATION

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Students are met at the Guilford College station, on the railroad leading from Greensboro to Winston-Salem, at the opening of each term, and conveyed to the College. For conveyance to and from the station a moderate charge will be made to students, members of the faculty, or visitors.

On arriving at the College at the beginning of the term, young men should go to the governor's office in the centre section of Cox Hall and make arrangements for occupying the room which has been assigned to them. Young women should see either the governess at Founders Hall or the matron at New Garden. Students should then go to the Dean's office in Memorial Hall and be properly registered and classified.

The next step is to go to the Treasurer's office in the west end of Founders Hall. The first payment on all charges is due at the beginning of the term and no student is fully matriculated until his card has been signed by the Treasurer, thus indicating that satisfactory financial arrangements have been made.

Students sustain a great loss who are not present at the opening of the term.

Every article of clothing must be plainly marked with the full name of the owner in indelible ink.

Telegraph and express offices are established at Guilford College station. The College has telephone connection with all points both on the local and long distance line.

The College postoffice is "Guilford College, North Carolina," and all mail should be so addressed.

## PUBLIC LECTURES AND MEETINGS

### 1916-1917

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Gov. Thomas W. Bickett— <i>Issues of the Campaign</i>	Oct. 21, 1916
Judge W. P. Bynum— <i>The Republican Platform</i>	Oct. 24, 1916
Hon. Robert N. Page— <i>Wilson Day Address</i>	Oct. 28, 1916
Bishop Edward Rondthaler— <i>America and How to Save Her</i>	Nov. 11, 1916
W. H. Morgan— <i>War Prisoners in Europe</i>	Nov. 12, 1916
Glee Club Recital	Nov. 18, 1916
John L. Alexander— <i>Student Ideals</i>	Nov. 20, 1916
Y. W. C. A. Play	Nov. 25, 1916
Dr. F. N. Seely— <i>Sex Hygiene</i>	Nov. 24, 1916
Freshman-Sophomore Debate	Dec. 16, 1916
Christmas Musical Service	Dec. 17, 1916
Musical Recital	Dec. 20, 1916
W. C. George— <i>The Spirit of Nationalism in American Poetry</i>	Jan. 6, 1917
John Spargo— <i>The Meaning of Socialism</i>	Jan. 22, 1917
Dr. J. J. Hall— <i>Life, Its Meaning</i>	Jan. 27, 1917
Guilford—State College Debate	Feb. 17, 1917
Collier Cobb— <i>Let the Wind Do the Work</i>	Feb. 28, 1917
C. E. Tebbetts— <i>Some Problems in the Present World's Crisis</i>	March 3, 1917
Dr. Erdman— <i>The Need in Korea</i>	March 12, 1917
Albert Sheppard— <i>The Rural Church</i>	March 19, 1917
Freshman Declamation Contest	March 24, 1917
High School Declamation Contest for Girls	March 31, 1917
R. N. Wilson— <i>Bill's School and Mine</i>	April 11, 1917
High School Declamation Contest for Boys	April 14, 1917
Philomathean Oratorical Contest	April 20, 1917
Meeting of Y. W. C. A. President's Council	April 28, 1917
Dr. Maurice T. Babb— <i>Mathematical Curiosities</i>	April 30, 1917
Henry Clay Oratorical Contest	May 5, 1917
Zatasian Oratorical Contest	May 12, 1917
Music Recital	May 16, 1917
Websterian Oratorical Contest	May 19, 1917
Music Recital	May 26, 1917
Willard O. Trueblood— <i>Baccalaureate Sermon</i>	May 27, 1917
J. Clyde Turner— <i>Address to Christian Associations</i>	May 27, 1917
Rufus M. Jones— <i>Commencement Address</i>	May 29, 1917



# DEGREES, PRIZES AND HONORS

## 1916-1917

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### *Degrees*

The following degrees were conferred on commencement day,  
May 29th, 1917:

#### *Bachelor of Arts*

Hazel Graham Armstrong	Sallie Rachel McGehee
John Henry Beeson	Jesse Betts Stanley
Edwin Blaine Carroll	Ethel Maie Speas
Lovella Ruth Coble	Mary Ina Shamburger
Lillene Oma Gray	Lyndon Everett Stuart
Maude Elizabeth Lassiter	Grace Pemberton Taylor
Itimous Thaddeus Valentine	

#### *Bachelor of Science*

Jesse Philip Garner	Ezra Alexander Moore
Rhesa Lancaster Newlin	

#### *Certificate in Piano Music*

Harriet Eugenia Crutchfield

### *Scholarships*

Bryn Mawr Scholarship .....	Mary Ina Shamburger
Haverford Scholarship .....	Jesse Philip Garner
Marvin Hardin Scholarship .....	D. D. Shields Cameron
Websterian Orator's Prize .....	Robert Frazier
Henry Clay Orator's Prize .....	Joseph Dixon White
Philomathean Orator's Prize .....	Gladys Fithian Fairecloth
Zatasian Orator's Prize .....	Eula Eugenia Hockett
Websterian Improvement Prize .....	Robert Shelton White
Henry Clay Improvement Prize .....	Everette A. Braxton



Philomathean Improvement Prize .....	Anna Maie Henley
Zatasian Improvement Prize .....	Vanner Emma Neece
Freshman Declamation Prize .....	Dovie May Hayworth
High School Declamation Prizes—	
For Young Men .....	Everette Lewis Hollady, Pomona
For Young Women .....	Treva Ward, Jamestown

### *Honors*

Freshman Honors .....	Gertrude Smitherman
Junior Special Honors .....	Ruth and Leah Stanley

## STUDENTS

---

Students who will be unable to finish with their class without taking some extra work are designated by an asterisk (\*).

### SENIORS

Brown, Deborah Mary .....	Woodland, N. C.
Clegg, Agnes Marie .....	Guilford College, N. C.
Cronk, Gertrude Darden .....	Pickering, Ontario, Canada.
Fort, Elbert William .....	Fork, S. C.
Grissom, Lawrence .....	Greensboro, N. C.
Hinshaw, Ira .....	Randleman, N. C.
Jackson, David Houghton .....	Guilford, N. C.
Jones, John Benbow .....	Winston-Salem, N. C.
Lewallen, Beatrice .....	Asheboro, N. C.
Mitchell, James Warren .....	Reidsville, N. C.
Morris, Addie Irene .....	Kernersville, N. C.
Moton, Totten Zella .....	Fallston, N. C.
Pike, Bernice Elizabeth .....	Liberty, N. C.
Raiford, Ellen Tabitha .....	Ivor, Va.
Reddick, Joseph Gray .....	Trinity, N. C.
Smith, Anderson Jones .....	Black Creek, N. C.
Smith, Samuel Clement .....	Guilford College, N. C.
Stanley, Leah Ellen .....	Guilford College, N. C.
Stanley, Ruth Rebecca .....	Guilford College, N. C.
Sutton, Chester McKinley .....	Summerfield, N. C.

### JUNIORS

Bird, Georgianna Marie .....	Thomasville, N. C.
Cameron, Daniel David Shields .....	Southern Pines, N. C.
*Clodfelter, Vira .....	Thomasville, N. C.
Coltrane, Ruth .....	Sophia, N. C.
Fitzgerald, Paul Vincent .....	Pelham, N. C.
Hobbs, Gertrude Mendenhall .....	Guilford College, N. C.
Hockett, Eula Eugenia .....	Pleasant Garden, N. C.
Macon, Clarence Monroe .....	Climax, N. C.
Patterson, Hobart McKinley .....	Burlington, N. C.
Shelton, Charles Burton .....	Pilot Mountain, N. C.
Smith, Katherine Brittain .....	Summerfield, N. C.
White, John Gurney .....	Guilford College, N. C.
White, Joseph Dixon .....	Guilford College, N. C.
*Williard, Hervie Nicola .....	High Point, N. C.

## SOPHOMORES

Babb, Emerson Macaulay .....	Ivor, Va.
Barrett, Leslie Howard .....	Scott City, Kan.
Blair, Clara .....	High Point, N. C.
Bulla, Robert Chapman .....	Randleman, N. C.
Campbell, Katherine .....	Albany, Ala.
*Casey, Luby Randolph .....	Goldsboro, N. C.
Chilton, Alma .....	Danbury, N. C.
*Clegg, Elsie May .....	Guilford College, N. C.
Cloud, Thelma Melinnie .....	Ivor, Va.
Coble, Mary Eleanora .....	Guilford College, N. C.
*Doughton, Joseph Edwards .....	Guilford College, N. C.
Fairecloth, Gladys Fithian .....	Sedley, Va.
*Farlow, Clara Barton .....	Guilford College, N. C.
*Finch, Wray Edward .....	Guilford College, N. C.
Fox, Norman Albright .....	Guilford College, N. C.
*Grantham, Eleanor .....	Guilford College, N. C.
*Groome, Robert Gladstone .....	Greensboro, N. C.
Hayworth, Vivian McGee .....	Greensboro, N. C.
Henley, Anna Maie .....	Guilford College, N. C.
Hubbard, Julius Cicero .....	Wilkesboro, N. C.
*Johnson, Harry Lester .....	Siler City, N. C.
Lindley, Genevieve .....	Snow Camp, N. C.
Lineberry, Richard Arthur .....	Siler City, N. C.
*McBane, Donna Alice .....	Saxapahaw, N. C.
McBane, Vera Joy .....	Snow Camp, N. C.
McCracken, Ada Lea .....	Guilford College, N. C.
McCracken, Frances Willard .....	Guilford College, N. C.
*Marlette, Nigal Hurley .....	Saxapahaw, N. C.
*Moore, Dora .....	Siler City, N. C.
Moore, Frances Willard .....	Dudley, N. C.
*Moore, Hugh Watson .....	Dudley, N. C.
*Neece, Vanner Emma .....	Climax, N. C.
Newlin, Inman Algia .....	Snow Camp, N. C.
Raiford, Okie Irene .....	Ivor, Va.
Reece, Annie Juanita .....	Liberty, N. C.
Stanley, Harry Ruffin .....	Marion, Ill.
*Townsend, Paul Wilson .....	Reidsville, N. C.
Tremain, Rawleigh Lewis .....	Brown Summit, N. C.
White, David Jordan .....	Belvidere, N. C.
*Zachary, Jonathan Thompson .....	Snow Camp, N. C.

## FRESHMEN

Boren, Richard .....	Pomona, N. C.
Brooks, Richard Henry .....	Mt. Vernon Springs, N. C.
Bryant, George Arthur .....	Mayodan, N. C.
Bulla, Frances Willard .....	Randleman, N. C.
Coble, Madge Albright .....	Liberty, N. C.
Dixon, Mary Murchison .....	Elkin, N. C.
*Doggett, Banks Chandler .....	Brown Summit, N. C.
*Dorsett, John Dewey .....	Siler City, N. C.
Farlow, Loula Blanche .....	Randleman, N. C.
Farlow, Ralph Kelsey .....	Guilford College, N. C.
Freeman, Tracy Roy .....	Steeds, N. C.
Gilbreath, James Hal .....	Kenly, N. C.
Henley, Marvin J. ....	Guilford College, N. C.
Hodgin, Carrie Mae .....	Guilford College, N. C.
Hollady, Edward Lewis .....	Greensboro, N. C.
Hollady, Everett Lewis .....	Guilford College, N. C.
Holt, James Oscar .....	Greensboro, N. C.
Lane, Rollo Alvah .....	Belvidere, N. C.
McVey, Elma Blanche .....	Snow Camp, N. C.
McVey, Minna Josephine .....	Snow Camp, N. C.
Marshburn, Alice Carlene .....	Guilford College, N. C.
Martin, Florence Nightingale .....	East Bend, N. C.
*Mendenhall, Mary Elizabeth .....	Asheboro, N. C.
Newlin, James Curtis .....	Saxapahaw, N. C.
Ogburn, Roger Wendell .....	Kernersville, N. C.
Pate, Esther .....	Goldsboro, N. C.
*Pickett, Lydia .....	Liberty, N. C.
Price, Mary McCabe .....	Stoneville, N. C.
Raiford, Herman Clyde .....	Ivor, Va.
Raiford, Lulu Jackson .....	Ivor, Va.
Raiford, Mary Louisa .....	Ivor, Va.
Robinson, Madge .....	Summerfield, N. C.
*Shamburger, Anne Christine .....	Star, N. C.
Smith, George Ernest .....	Kernersville, N. C.
Stanfield, Andrew Clephus .....	Brown Summit, N. C.
Stewart, Esther Thomas .....	Laurinburg, N. C.
*Stone, Grace Elizabeth .....	Thomasville, N. C.
*Walser, Donald Addison .....	Lexington, N. C.
*White, Berry Lee .....	Belvidere, N. C.
*White, James Hugh .....	Belvidere, N. C.



**FRESHMEN—Continued**

*White, Fernando Murray .....	Belvidere, N. C.
Williams, Hiette Holmes .....	East Bend, N. C.
Williams, Lyle Lyndon .....	East Bend, N. C.
Williams, Marjorie .....	Guilford College, N. C.
Williamson, Lillie .....	Salemburg, N. C.
Zachary, Cora Alta .....	Snow Camp, N. C.

**SPECIAL STUDENTS**

Gentry, Byron Wilson .....	Mount Airy, N. C.
Highfill, Fern .....	Kernersville, N. C.
Hodgin, Emma Tela .....	Greensboro, N. C.
Kendall, Milton Dewey .....	Guilford, N. C.
McCracken, Clara Louise .....	Guilford College, N. C.
McCracken, Wendell .....	Guilford College, N. C.
Thrift, Ottis Wingfield .....	High Point, N. C.

**SPECIAL MUSIC STUDENTS**

Burke, Tama .....	Goldston, N. C.
Caudle, Martha Charlotte .....	Liberty, N. C.
Edgerton, Eva .....	Goldsboro, N. C.
Edgerton, Henrietta .....	Guilford College, N. C.
Frazier, Gracette .....	Guilford College, N. C.
Lindley, Ruth .....	Guilford College, N. C.
Mackie, Florence .....	Guilford College, N. C.
Mackie, Geneva .....	Guilford College, N. C.
Reynolds, Edith .....	Guilford College, N. C.
Roberts, Edith .....	Moorestown, N. J.

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Anderson, Thomas Dewey .....	Denton, N. C.
Ballinger, Harry .....	Guilford College, N. C.
Barnard, James Anthony .....	Asheville, N. C.
Barrett, Wilfred Elmer .....	Scott City, Kan.
Brown, Otis Mack .....	Winston-Salem, N. C.
Burton, Charles Frederick .....	Reidsville, N. C.
Cabrera, Pedro .....	Banes Oriento, Cuba.
Carter, Randolph .....	Grandin, N. C.
Cooper, William Haywood, Jr. ....	Laurinburg, N. C.

## PREPARATORY DEPARTMENT—Continued

Cordero, José .....	Cardenas, Cuba.
Cox, William Thomas .....	Goldsboro, N. C.
Dalton, Wallace .....	Winston-Salem, N. C.
DeLancey, Thessie .....	Proximity, N. C.
Dixon, Julia Ann .....	Greensboro, N. C.
Dye, Zillman Wesley .....	Wentworth, N. C.
Edgerton, Clara Belle .....	Houstonville, N. C.
Finch, Doak .....	Trinity, N. C.
Finch, George Davis .....	Trinity, N. C.
Lindley, Lulu Ethel .....	Siler City, N. C.
McFarland, Earl .....	High Point, N. C.
Newbold, Lucullus Merrick .....	Hertford, N. C.
Newbold, Thomas Shelton .....	Hertford, N. C.
Pennington, William Jackson .....	Greensboro, N. C.
Pickett, Parks Wreitzel .....	Liberty, N. C.
Price, John Hampton .....	Stoneville, N. C.
Rayle, Elsie .....	High Point, N. C.
Rayle, Hattie Louise .....	Colfax, N. C.
Rudd, William Lee .....	Corbett, N. C.
Seal, Una Ovella .....	Greensboro, N. C.
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Towe, Edgar Boothe .....	Chapanoke, N. C.
White, Myrta Elizabeth .....	Belvidere, N. C.
Wilson, Jesse Meadow .....	Hertford, N. C.
Winslow, Herman Rowlings .....	Hertford, N. C.
Worth, Rubie Katherine .....	Pfafftown, N. C.

## MUSIC STUDENTS

Blair, Clara .....	High Point, N. C.
Bulla, Frances Willard .....	Randleman, N. C.
Burke, Tama .....	Goldston, N. C.
Casey, Luby Randolph .....	Goldsboro, N. C.
Caudle, Martha Charlotte .....	Liberty, N. C.
Cloud, Thelma Melinnie .....	Ivor, Va.
Dixon, Julia Ann .....	Greensboro, N. C.
Edgerton, Clara Belle .....	Houstonville, N. C.
Edgerton, Eva .....	Goldsboro, N. C.
Edgerton, Henrietta .....	Guilford College, N. C.
Farlow, Clara Barton .....	Guilford College, N. C.
Farlow, Ralph Kelsey .....	Guilford College, N. C.
Fox, Norman Albright .....	Guilford College, N. C.
Frazier, Gracette .....	Guilford College, N. C.
Hockett, Eula Eugenia .....	Pleasant Garden, N. C.
Lindley, Ruth .....	Guilford College, N. C.
McBane, Donna Alice .....	Saxapahaw, N. C.
McCracken, Ada Lea .....	Guilford College, N. C.
McCracken, Clara Louise .....	Guilford College, N. C.
Mackie, Florence .....	Guilford College, N. C.
Mackie, Geneva .....	Guilford College, N. C.
Price, Mary McCabe .....	Stoneville, N. C.
Rayle, Elsie .....	High Point, N. C.
Reece, Annie Juanita .....	Liberty, N. C.
Reynolds, Edith .....	Guilford College, N. C.
Roberts, Edith .....	Moorestown, N. J.
Taylor, J. John .....	Danbury, N. C.
Tomlinson, Naomi Elwood .....	Thomasville, N. C.

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